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Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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Highlights

Crude oil

- After registering across-the-board decreases in August, monthly average prices for crude oil returned to an upward path in September. The average domestic crude oil first purchase price rose \$3.41 (5.2%) to \$69.08 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil increased \$2.74 (4.4%) to \$65.34 per barrel. The average landed cost of foreign crude oil rose \$2.24 (3.4%) to \$67.28 per barrel.
- The average refiner acquisition cost for domestic crude oil increased \$3.08 (4.4%) to \$72.35 per barrel. The average cost of imported crude oil climbed \$3.45 (5.3%) to \$69.11 per barrel. The composite refiner acquisition cost for crude oil rose \$3.14 (4.6%) to \$71.01 per barrel.

Petroleum products

Motor gasoline

- The September monthly average wholesale price for refiner sales of motor gasoline rose 0.8 cent to \$2.310 per gallon.
- Refiner sales of finished motor gasoline decreased again during September. Total refiner motor gasoline sales declined 3.2 million gallons per day (1.0%) to an average of 310.3 million gallons per day. DTW sales accounted for 6.9% of wholesales, while rack and bulk sales explained 90.4% and 2.7%, respectively.

No. 2 distillate

- Monthly average prices for refiner sales of No. 2 distillates were mostly on the rise in September. The retail sales price for No. 2 diesel fuel increased 5.7 cents to \$2.323 per gallon, while the average wholesale price climbed 9.4 cents to \$2.240 per gallon. The average retail price for sales of No. 2 fuel oil dropped 0.8 cent to \$2.387, while the average wholesale price increased 15.6 cents to \$2.041 per gallon.
- Refiner wholesale sales of No. 2 ultra-low sulfur diesel fuel increased 4.5 million gallons per day (3.0%) to 154.1 million gallons per day.

Residual fuel oil

- Prices for refiner sales of residual fuel oil climbed in September. The average retail price for residual fuel oil rose 4.9 cents to \$1.950 per gallon, while the average wholesale price increased 6.9 cents to \$1.845 per gallon.
- Total refiner residual fuel oil sales fell 200,000 gallons per day to 6.7 million gallons per day (2.9%) in September. Retail sales accounted for the full 200,000 gallons per day (10.0%) decrease, while wholesale sales remained flat.

Other products

- Refiner prices for sales of other finished petroleum products generally increased during September. Prices for propane, kerosene-type jet fuel, and No. 1 distillate increased at both the retail and wholesale levels. The price for kerosene also rose at the wholesale level, while the price for aviation gasoline declined in the same category.
- Refiner sales of the remaining surveyed products show mixed trends in September. Propane and No. 1 distillate sales increased at both the retail and wholesale levels. Kerosene-type jet fuel sales rose at retail, but declined at wholesale. Wholesale sales of aviation gasoline decreased, while kerosene sales climbed in the same category.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	September 2021		August 2021		September 2020		September 2021		August 2021		September 2020	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	3.143	4.7	3.146	4.8	1.804	20.5	2.310	305.6	2.302	308.7	1.354	273.3
Conventional	2.858	W	2.878	W	1.637	12.9	2.251	210.2	2.241	212.2	1.301	189.9
Regular	2.775	W	2.794	W	1.573	11.2	2.210	186.1	2.194	187.5	1.260	166.6
Midgrade	3.088	W	3.118	W	1.886	0.7	2.469	1.1	2.476	1.3	1.473	1.1
Premium	W	W	W	W	2.183	1.0	2.576	22.9	2.604	23.4	1.598	22.2
Reformulated	W	W	W	W	2.087	7.6	2.439	95.4	2.438	96.5	1.474	83.4
Regular	W	W	W	W	1.957	5.4	2.374	78.3	2.371	79.3	1.414	67.5
Midgrade	W	W	W	W	2.299	0.8	2.585	0.4	2.576	0.4	1.604	0.4
Premium	W	W	W	W	2.475	1.4	2.742	16.7	2.748	16.8	1.731	15.5
Aviation gasoline	W	W	W	W	2.613	0.0	3.248	0.5	3.299	0.5	2.246	0.4
Kerosene-type jet fuel	2.032	31.7	1.965	31.3	1.110	20.2	2.007	28.2	1.922	29.2	1.076	18.7
Propane (consumer grade)	1.296	5.2	1.122	4.2	0.508	3.4	1.280	23.5	1.110	20.8	0.516	22.7
Kerosene	2.817	0.0	W	W	W	W	2.109	0.9	1.899	0.7	1.215	0.8
No. 1 distillate	2.614	0.1	2.596	0.1	1.759	0.1	2.475	0.5	2.446	0.2	1.445	0.4
No. 2 distillate	2.324	8.3	2.267	8.0	1.386	9.5	2.235	159.3	2.142	152.6	1.191	158.5
No. 2 fuel oil	2.387	0.1	2.395	0.1	1.411	0.1	2.041	4.1	1.885	2.3	1.091	6.0
No. 2 diesel fuel	2.323	8.2	2.266	8.0	1.386	9.5	2.240	155.2	2.146	150.3	1.195	152.5
Ultra low sulfur	W	W	W	W	1.387	9.3	2.240	154.1	2.146	149.6	1.196	151.4
Low sulfur	-	-	-	-	W	W	-	-	W	W	-	-
High sulfur	W	W	W	W	W	W	2.175	1.1	W	W	1.130	1.1
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	1.950	1.8	1.901	2.0	1.200	1.9	1.845	4.9	1.776	4.9	1.066	6.0
Sulfur content not > 1%	W	W	W	W	W	W	1.913	2.6	1.842	3.0	1.098	4.0
Sulfur content > 1%	1.748	W	1.666	W	1.035	W	1.768	2.3	1.674	1.9	1.000	2.0

NA = Not available.

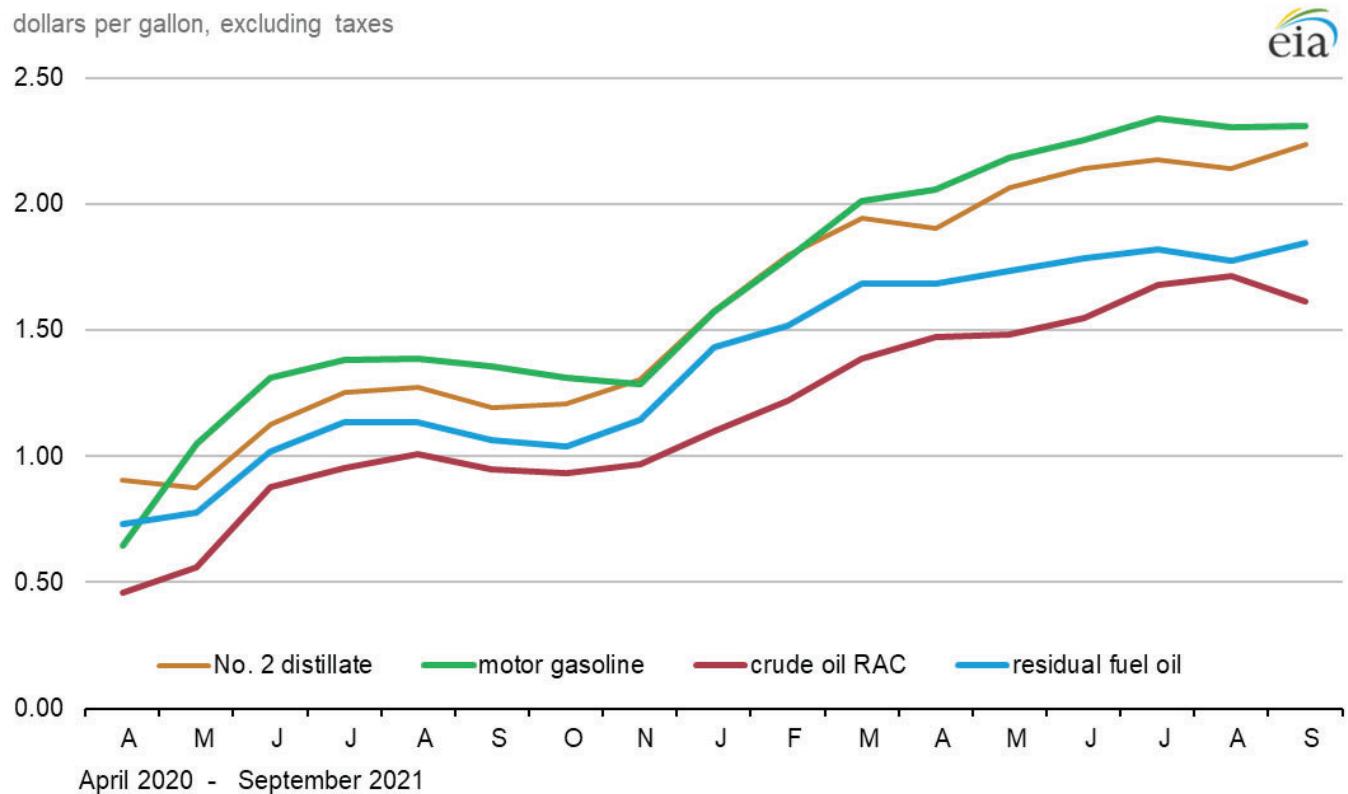
- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure HL1. Crude oil and petroleum product wholesale prices

Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, *Refiners' Monthly Cost Report*; petroleum product prices: Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019 average	55.59	54.27	56.60	60.31	57.94	59.38
2020						
January	56.55	46.98	51.20	60.39	53.87	57.92
February	49.66	42.13	44.69	54.01	47.39	51.37
March	31.01	24.16	27.14	35.00	28.50	32.55
April	15.18	14.22	17.50	21.07	16.74	19.32
May	18.02	19.28	22.73	24.43	22.56	23.55
June	33.81	33.74	36.17	37.25	36.14	36.80
July	37.44	36.73	38.97	40.56	39.33	40.08
August	39.37	37.39	40.15	42.83	41.72	42.42
September	36.82	36.06	38.19	40.41	38.73	39.81
October	36.39	34.35	37.11	40.06	37.81	39.21
November	38.25	36.44	39.28	41.56	39.15	40.68
December	43.92	41.86	44.78	46.69	45.34	46.20
2020 average	36.86	33.66	36.42	41.23	37.41	39.75
2021						
January	49.73	46.77	49.38	52.45	49.52	51.36
February	56.72	53.08	55.50	60.14	55.67	58.39
March	60.67	57.48	59.12	63.24	59.78	61.96
April	59.87	57.83	60.75	63.25	60.86	62.39
May	62.80	61.76	63.92	65.94	63.81	65.15
June	68.57	64.97	67.50	71.60	68.85	70.54
July	70.12	R65.73	R68.11	73.28	69.88	71.97
August	65.67	R62.60	R65.02	69.27	R65.66	R67.87
September	69.08	65.34	67.26	R72.35	R69.11	R71.01
October[c]	NA	NA	NA	E80.71	E75.81	E78.83

NA = Not available.

E = Estimated data.

R = Revised data.

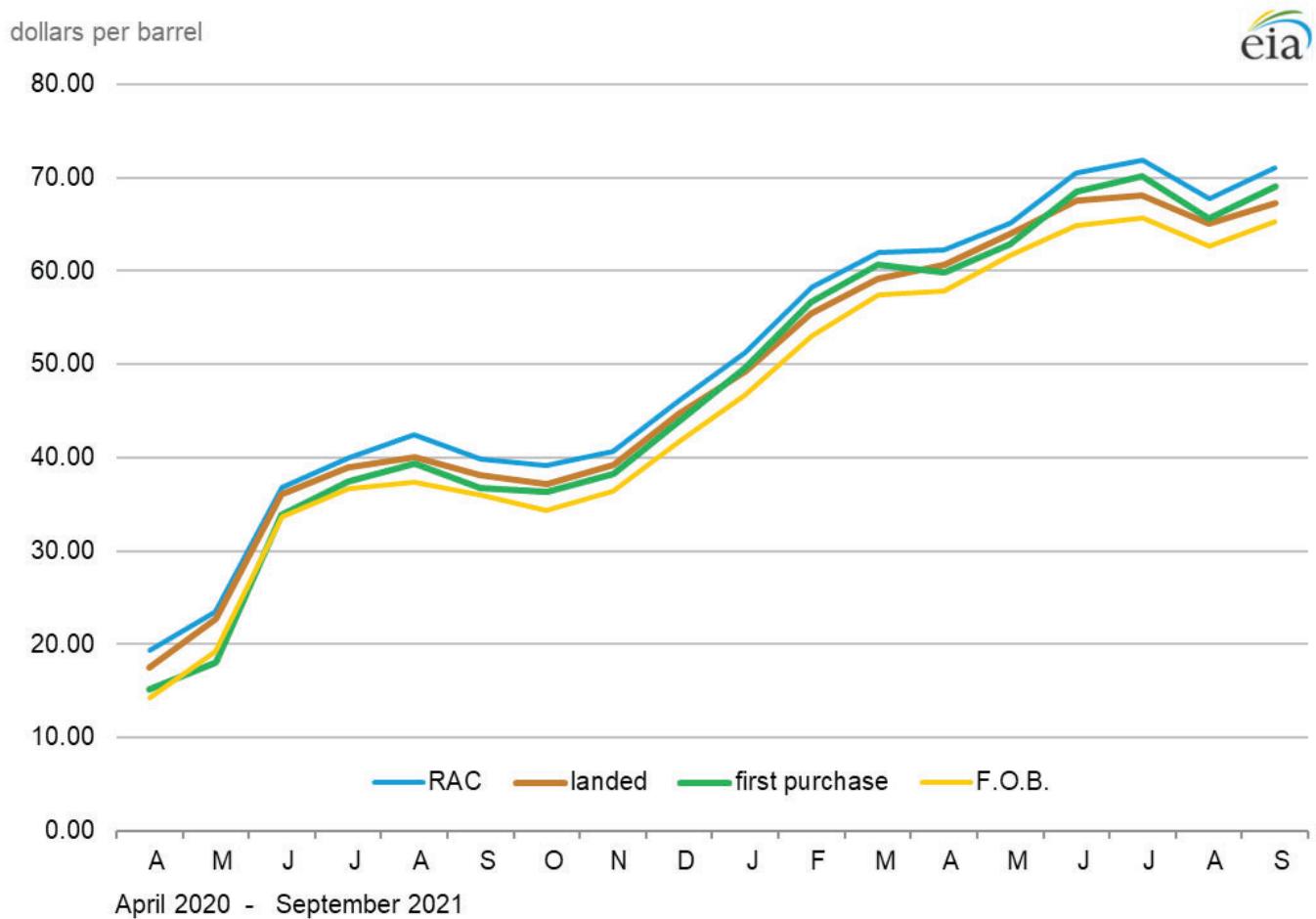
[a] Free on Board. See Glossary.

[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, Refiners' Monthly Cost Report.

Figure 1. Crude oil prices

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*; Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*. Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts
dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
2020									
January	60.39	53.87	57.92	63.24	64.08	63.77	58.99	45.98	52.41
February	54.01	47.39	51.37	57.27	57.28	57.28	50.76	38.20	43.93
March	35.00	28.50	32.55	35.93	37.10	36.60	30.59	21.65	25.64
April	21.07	16.74	19.32	27.42	26.07	26.65	19.25	13.19	15.86
May	24.43	22.56	23.55	36.45	30.34	32.24	25.07	17.46	21.15
June	37.25	36.14	36.80	42.97	37.34	39.27	38.11	35.22	36.74
July	40.56	39.33	40.08	45.44	43.76	44.18	41.15	37.50	39.42
August	42.83	41.72	42.42	45.83	44.95	45.16	42.71	39.73	41.26
September	40.41	38.73	39.81	43.67	41.74	42.25	40.30	35.84	38.36
October	40.06	37.81	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	41.56	39.15	40.68	45.02	43.61	44.02	41.67	36.52	39.40
December	46.69	45.34	46.20	51.51	49.60	49.99	47.37	42.65	45.32
2020	41.23	37.41	39.75	44.76	43.73	44.07	40.66	33.48	37.17
2021									
January	52.45	49.52	51.36	55.93	54.38	54.66	52.50	45.81	49.22
February	60.14	55.67	58.39	63.55	60.82	61.53	59.98	50.97	55.77
March	63.24	59.78	61.96	66.89	65.74	65.96	63.77	56.82	60.50
April	63.25	60.86	62.39	68.22	65.59	65.94	63.54	57.02	60.74
May	65.94	63.81	65.15	69.76	68.63	68.81	66.61	60.89	64.09
June	71.60	68.85	70.54	74.97	73.18	73.44	72.25	65.37	69.34
July	73.28	69.88	71.97	76.48	74.82	75.09	74.18	66.54	70.92
August	69.27	R65.66	R67.87	R73.16	R71.73	R71.97	69.79	R61.90	R66.52
September	R72.35	R69.11	R71.01	76.38	74.12	74.43	73.16	66.02	70.08

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)
dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019	60.44	59.49	60.19	54.65	49.53	52.26	64.45	64.24	64.34
2020									
January	60.28	55.09	58.98	52.65	44.72	48.44	64.71	64.37	64.55
February	54.68	50.56	53.63	50.06	37.62	43.01	55.80	56.88	56.39
March	35.96	30.62	34.73	34.39	20.63	27.31	36.05	36.02	36.04
April	20.84	15.84	19.32	21.00	11.01	16.10	23.00	24.54	23.68
May	22.21	23.44	22.73	25.68	13.89	17.68	30.20	31.65	30.82
June	36.58	36.30	36.49	38.04	35.35	36.27	37.69	37.79	37.73
July	40.05	39.73	39.96	40.55	34.81	36.99	41.35	42.74	41.97
August	42.72	42.21	42.59	41.34	38.94	40.26	43.67	44.45	44.02
September	40.41	39.79	40.26	38.88	35.67	37.47	40.83	42.11	41.39
October	40.22	38.52	39.74	38.29	34.21	35.84	39.96	40.98	40.40
November	41.47	39.91	41.05	39.61	36.01	37.40	41.92	42.82	42.27
December	46.17	45.93	46.11	44.84	40.18	42.14	48.34	48.75	48.52
2020	41.15	37.60	40.16	39.40	32.47	35.46	42.46	44.11	43.21
2021									
January	52.20	50.39	51.78	50.24	44.33	47.35	54.05	53.70	53.88
February	59.95	57.13	59.27	58.24	49.29	52.71	61.04	61.17	61.11
March	62.76	59.72	62.07	61.92	54.10	56.91	64.71	64.53	64.63
April	62.94	61.23	62.53	61.73	56.70	59.60	64.33	63.99	64.15
May	65.46	63.43	65.01	64.88	58.65	61.29	67.34	67.31	67.33
June	71.11	69.15	70.63	70.67	62.58	65.65	72.95	72.82	72.87
July	72.92	70.41	72.27	71.61	63.28	66.66	73.72	73.87	73.81
August	R69.06	R66.01	R68.29	67.21	R59.92	R62.59	69.71	69.73	69.72
September	71.81	69.15	71.09	71.06	61.11	64.86	73.61	73.81	73.73

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-14, Refiners' Monthly Cost Report, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352	
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392	
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455	
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423	
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305	
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374	
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602	
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531	
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569	
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698	
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739	
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048	
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218	
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374	
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964	
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341	
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713	
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401	
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592	
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482	
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325	
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285	
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945	
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287	
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662	
2019	2.245	W	1.970	0.603	W	2.449	2.114	2.269	2.115	-	1.584	
2020												
January	2.150	W	1.958	0.502	W	2.473	2.002	2.328	2.006	-	1.939	
February	2.060	W	1.667	0.469	W	2.305	1.835	2.113	1.838	-	1.735	
March	1.862	W	1.257	0.378	W	2.080	1.486	1.813	1.489	-	1.371	
April	1.490	W	0.740	0.368	W	1.551	1.137	1.220	1.138	-	0.976	
May	1.598	W	0.728	0.421	W	1.305	1.130	1.162	1.130	-	0.817	
June	1.768	W	1.046	0.515	3.321	1.483	1.354	1.338	1.354	-	0.949	
July	1.806	2.761	1.175	0.518	3.059	1.483	1.431	1.394	1.431	-	1.071	
August	1.814	2.805	1.188	0.541	3.163	W	1.456	1.464	1.456	-	1.224	
September	1.804	2.613	1.110	0.508	W	1.759	1.386	1.411	1.386	-	1.200	
October	1.773	2.495	1.134	0.548	W	1.878	1.400	1.360	1.400	-	1.151	
November	1.736	2.485	1.216	0.577	W	1.769	1.482	1.760	1.485	-	1.145	
2020	1.829	2.685	1.293	0.502	W	1.891	1.486	1.660	1.488	-	1.246	
2021												
January	1.986	2.829	1.485	0.908	W	2.022	1.713	2.103	1.715	-	1.462	
February	2.201	3.148	1.642	0.972	W	2.190	1.933	2.173	1.935	-	1.617	
March	2.442	3.364	1.763	0.964	W	2.324	2.111	2.323	2.113	-	1.766	
April	2.493	3.363	1.724	0.851	W	2.322	2.090	2.185	2.091	-	1.756	
May	2.683	3.447	1.822	0.833	W	2.380	2.177	2.291	2.177	-	1.760	
June	3.000	3.492	1.906	0.966	W	2.514	2.228	2.341	2.228	-	1.867	
July	3.105	W	1.981	1.096	2.860	2.593	2.282	2.505	2.283	-	1.969	
August	R3.146	W	R1.965	R1.122	W	2.596	2.266	2.395	2.267	-	1.901	
September	3.143	W	2.032	1.296	2.817	2.614	2.323	2.387	2.324	-	1.950	

NA = Not available.

- = No data reported.

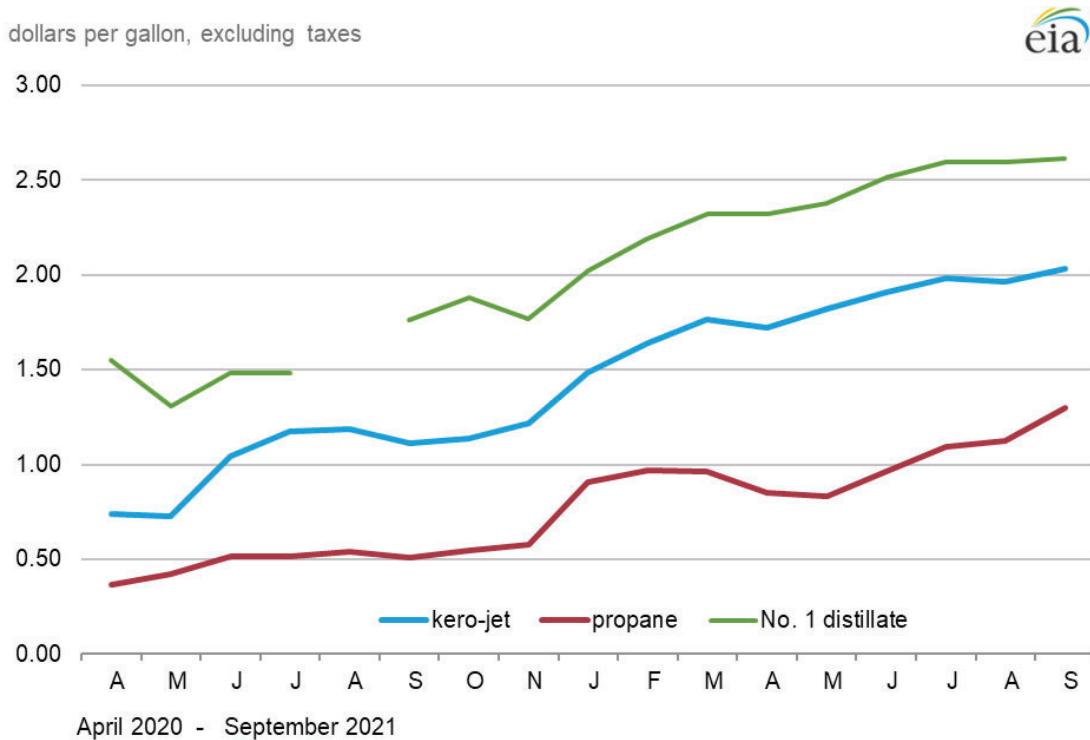
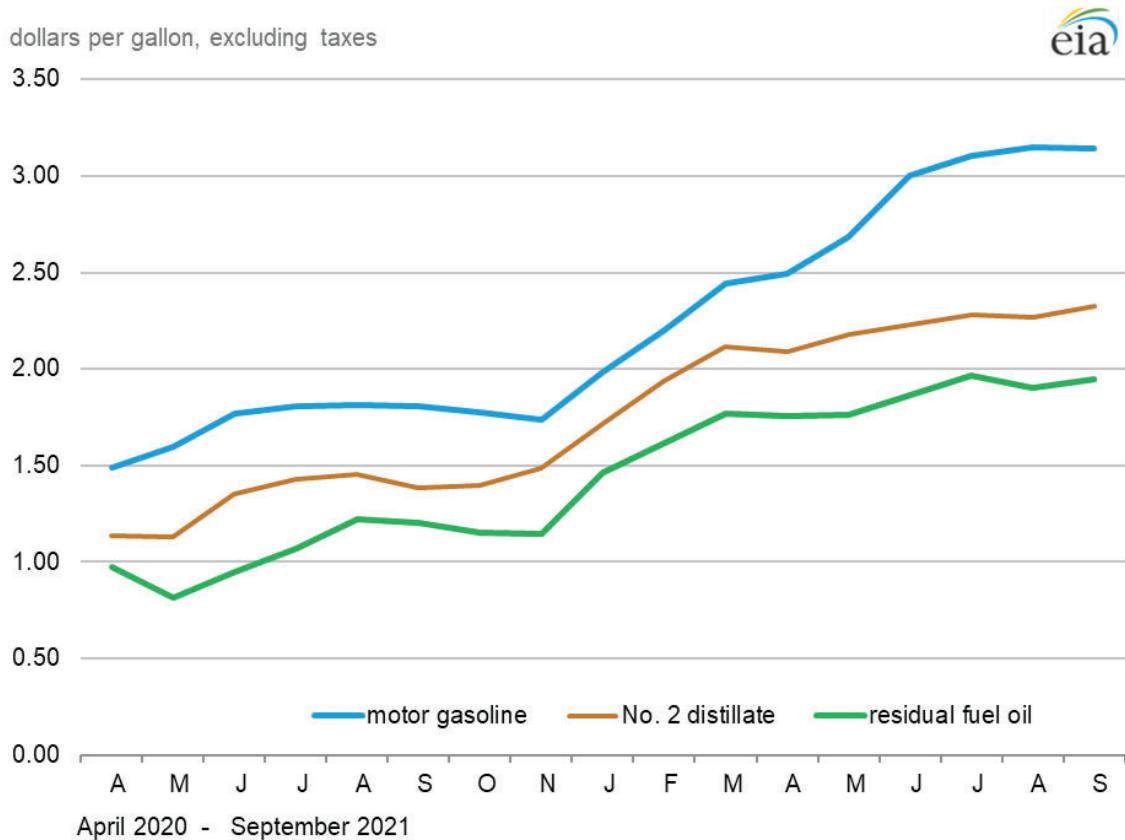
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 2. U.S. Refiner retail petroleum product prices

Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average	
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-
2019	24.2	W	31.5	3.0	W	0.1	11.9	0.1	12.0	-
2020										
January	22.8	W	31.2	3.7	W	0.2	11.0	0.2	11.1	-
February	23.3	W	30.0	4.1	W	0.1	11.2	0.1	11.3	-
March	18.5	W	27.2	4.3	W	0.1	10.5	0.1	10.6	-
April	12.4	W	13.8	2.8	W	0.1	10.5	0.1	10.6	-
May	15.6	W	14.2	3.0	W	0.1	9.2	0.1	9.3	-
June	19.1	W	18.2	2.1	0.0	0.0	9.2	0.1	9.3	-
July	20.6	0.0	20.2	2.2	0.0	0.1	9.4	0.1	9.6	-
August	20.6	0.0	21.1	2.4	0.0	W	9.3	0.1	9.4	-
September	20.5	0.0	20.2	3.4	W	0.1	9.5	0.1	9.5	-
October	20.7	0.0	20.5	3.0	W	0.1	9.7	0.1	9.9	-
November	19.0	0.0	22.1	3.7	W	0.2	9.4	0.1	9.5	-
2020	19.3	0.0	21.9	3.2	W	0.1	9.8	0.1	9.9	-
2021										
January	18.1	0.0	21.3	3.9	W	0.1	9.3	0.1	9.3	-
February	18.5	0.0	20.7	4.2	W	0.2	9.3	0.1	9.4	-
March	20.1	0.0	24.4	3.0	W	0.1	9.7	0.1	9.8	-
April	20.8	0.0	26.0	3.4	W	0.1	10.0	0.1	10.1	-
May	12.2	0.0	26.4	3.0	W	0.0	9.0	0.1	9.1	-
June	4.9	0.0	28.0	3.2	W	0.0	8.8	0.1	8.8	-
July	4.8	W	28.3	4.6	0.0	0.0	7.9	0.0	8.0	-
August	4.8	W	R31.3	4.2	W	0.1	8.0	0.1	R8.0	-
September	4.7	W	31.7	5.2	0.0	0.1	8.2	0.1	8.3	-

NA = Not available.

- = No data reported.

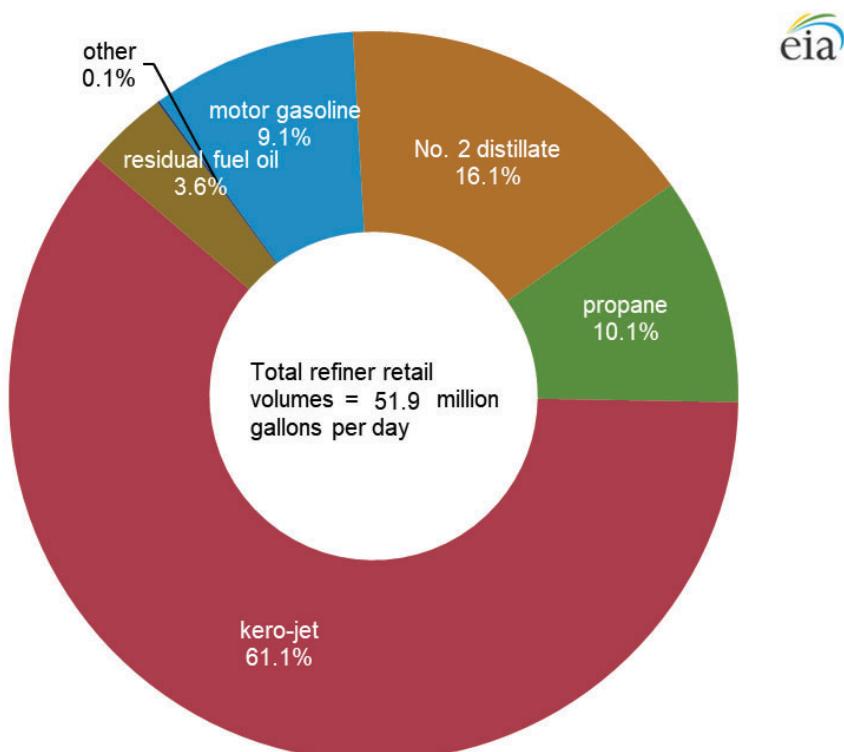
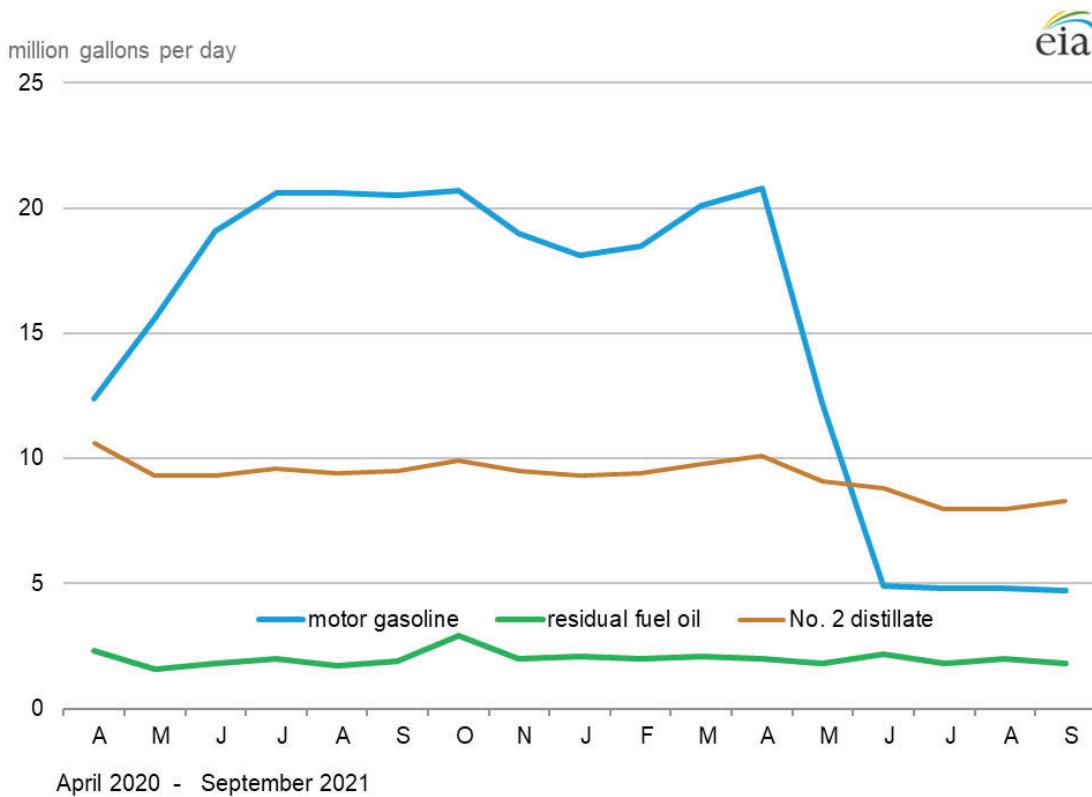
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. Refiner retail petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average	
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W
2019	1.858	2.842	1.929	0.622	2.017	2.296	1.958	1.895	1.955	W
2020										
January	1.743	2.752	1.891	0.557	2.008	2.171	1.858	1.863	1.858	W
February	1.669	2.698	1.613	0.530	1.802	1.968	1.671	1.627	1.668	W
March	1.127	2.279	1.189	0.410	1.115	1.579	1.278	1.238	1.275	W
April	0.645	1.590	0.703	0.378	0.837	1.193	0.908	0.872	0.906	W
May	1.049	1.869	0.690	0.454	0.848	1.115	0.878	0.795	0.873	W
June	1.311	2.134	1.002	0.514	1.099	1.424	1.135	1.002	1.129	W
July	1.380	2.253	1.144	0.507	1.172	1.526	1.254	1.152	1.251	W
August	1.389	2.219	1.162	0.536	1.250	1.526	1.275	1.179	1.273	W
September	1.354	2.246	1.076	0.516	1.215	1.445	1.195	1.091	1.191	W
October	1.312	2.217	1.107	0.597	1.293	1.499	1.215	1.089	1.210	W
November	1.287	2.123	1.180	0.630	1.322	1.647	1.315	1.156	1.306	W
2020	1.330	2.233	1.295	0.535	1.310	1.772	1.286	1.246	1.284	W
2021										
January	1.575	2.482	1.456	0.922	1.688	1.798	1.580	1.481	1.574	W
February	1.784	2.659	1.599	1.032	1.939	2.049	1.806	1.667	1.796	W
March	2.011	2.978	1.720	0.985	1.854	2.244	1.956	1.726	1.944	W
April	2.055	3.018	1.688	0.849	1.816	2.134	1.911	1.700	1.903	W
May	2.181	3.107	1.790	0.824	1.800	2.362	2.072	1.806	2.064	W
June	2.252	3.190	1.871	0.950	1.907	2.449	2.147	1.927	2.141	W
July	2.337	3.337	1.946	1.075	1.940	2.467	2.182	1.931	2.177	W
August	2.302	3.299	R1.922	1.110	1.899	R2.446	R2.146	R1.885	R2.142	W
September	2.310	3.248	2.007	1.280	2.109	2.475	2.240	2.041	2.235	W

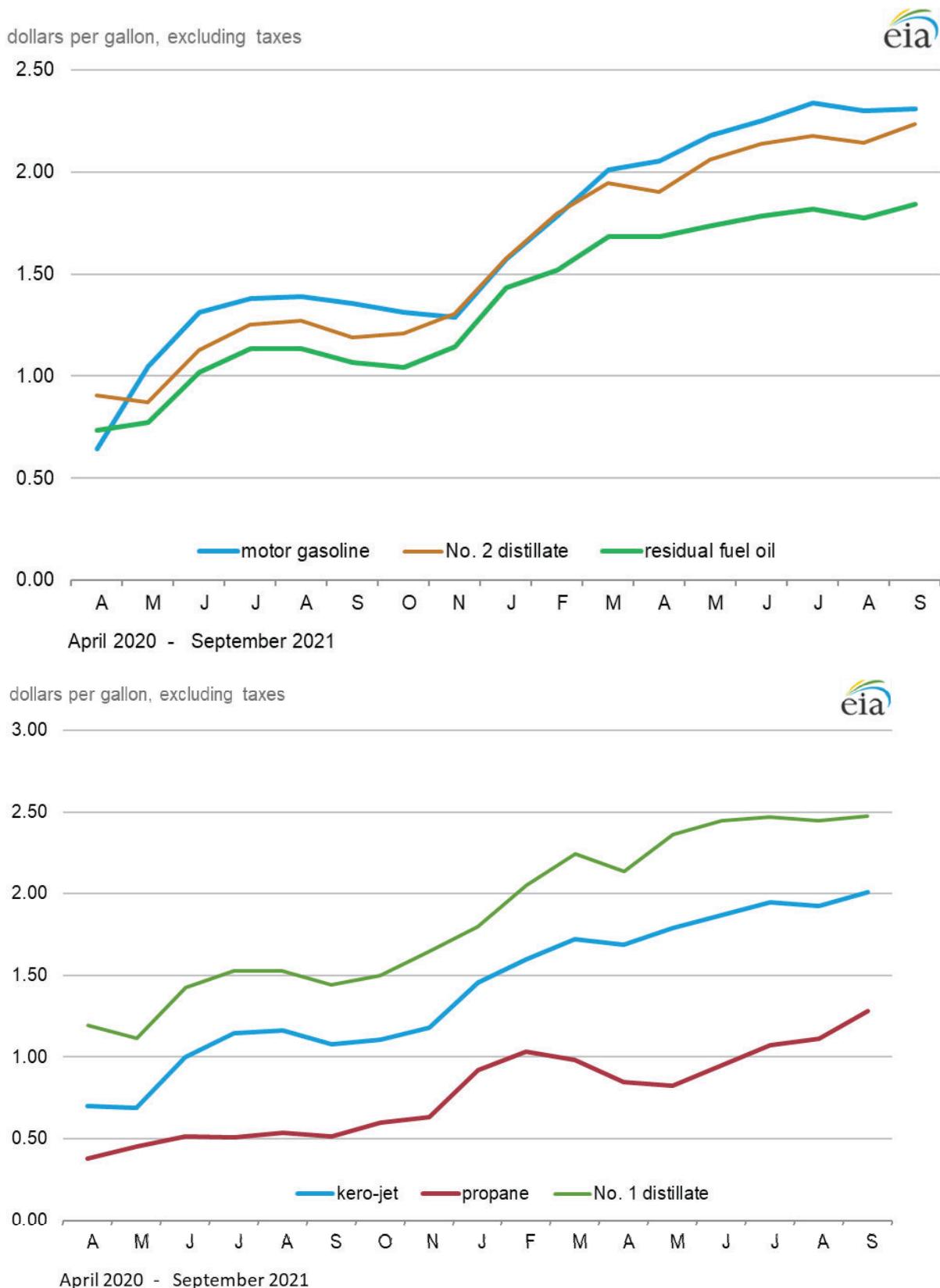
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. Refiner wholesale petroleum product prices

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 5. U.S. refiner volumes of petroleum sales for resale
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8	
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6	
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8	
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5	
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4	
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5	
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5	
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3	
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8	
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7	
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9	
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7	
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5	
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2	
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5	
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8	
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7	
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2	
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8	
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0	
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0	
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1	
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4	
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1	
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6	
2019	301.9	0.4	41.1	31.4	1.2	1.4	160.2	9.1	169.4	W	7.5	
2020												
January	282.8	0.5	40.7	40.4	1.0	2.6	153.3	11.9	165.2	W	6.9	
February	290.0	0.4	38.8	34.7	0.7	2.1	150.9	10.4	161.4	W	7.8	
March	250.9	0.4	35.4	31.7	0.9	0.9	154.5	9.1	163.7	W	7.9	
April	188.1	0.3	13.3	23.6	0.7	0.5	152.6	8.5	161.1	W	8.7	
May	231.4	0.4	11.3	19.2	0.8	0.2	153.8	9.3	163.0	W	5.8	
June	270.5	0.4	14.7	17.0	0.7	0.1	153.2	6.0	159.2	W	5.7	
July	274.4	0.4	18.0	19.0	1.1	0.2	143.4	3.9	147.2	W	4.4	
August	277.2	0.4	17.8	18.0	0.8	0.2	144.3	3.4	147.8	W	4.4	
September	273.3	0.4	18.7	22.7	0.8	0.4	152.5	6.0	158.5	W	6.0	
October	272.1	0.4	18.1	24.3	0.7	1.3	150.7	6.6	157.4	W	5.8	
November	260.0	0.3	20.9	25.3	0.9	1.7	143.7	8.4	152.1	W	5.4	
2020	260.5	0.4	22.5	25.6	0.8	1.0	149.6	7.8	157.4	W	6.1	
2021												
January	246.5	0.4	20.8	32.6	0.9	2.0	134.6	9.1	143.7	W	4.9	
February	251.0	0.3	20.4	36.8	1.1	3.3	135.2	10.6	145.8	W	4.9	
March	271.8	0.4	25.9	24.9	0.4	0.8	147.1	7.9	155.0	W	7.0	
April	283.4	0.5	28.5	19.8	0.3	0.4	151.0	5.6	156.6	W	4.9	
May	297.7	0.4	27.2	20.0	0.5	0.1	143.8	4.6	148.5	W	5.1	
June	312.4	0.5	30.6	19.7	0.5	0.1	157.6	4.1	161.7	W	5.8	
July	312.6	0.6	30.7	19.7	0.7	0.1	146.6	2.7	149.4	W	4.1	
August	R308.7	0.5	R29.2	20.8	0.7	0.2	R150.3	2.3	R152.6	W	4.9	
September	305.6	0.5	28.2	23.5	0.9	0.5	155.2	4.1	159.3	W	4.9	

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

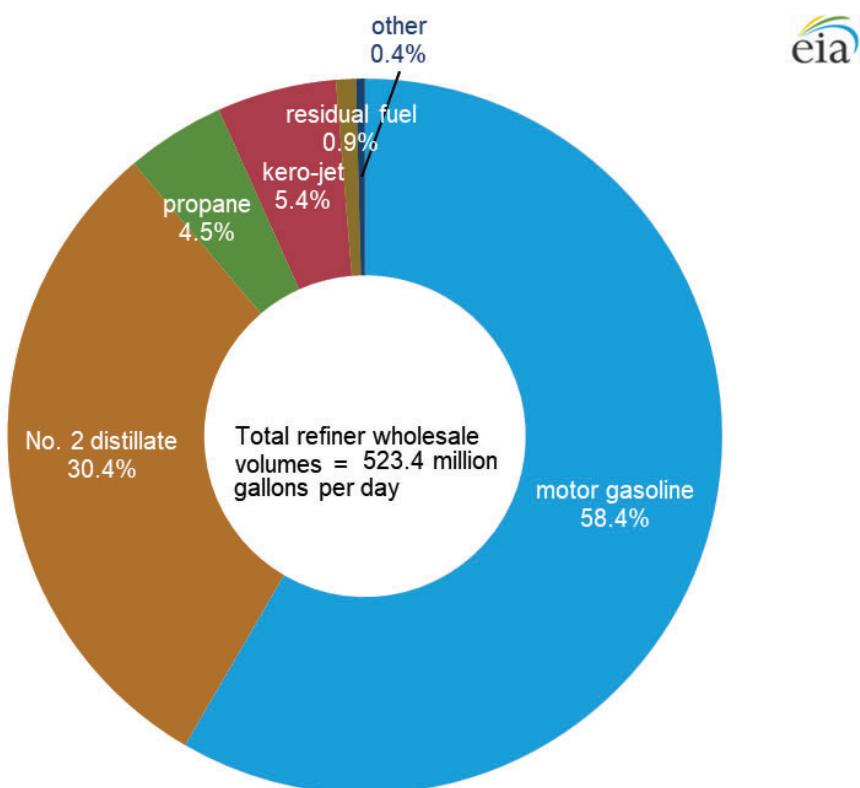
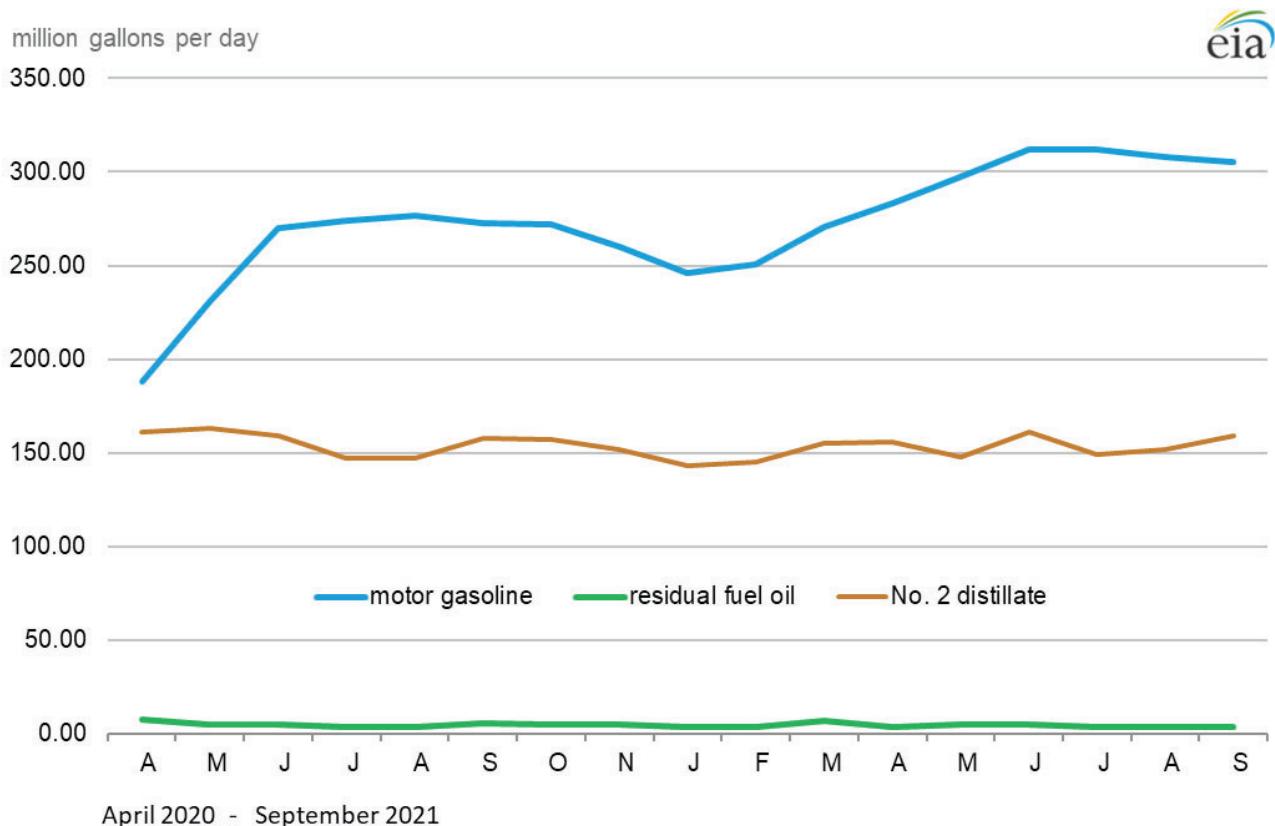
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. Refiner wholesale petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019	2.160	2.155	2.379	1.776	1.705	1.810	2.543	2.540	2.548	1.978	-	2.033
2020												
January	2.069	2.062	2.211	1.662	1.627	1.695	2.446	2.442	2.431	1.862	-	1.918
February	1.975	1.969	2.180	1.584	1.530	1.620	2.368	2.363	2.392	1.787	-	1.849
March	1.764	1.760	1.817	1.028	1.077	1.077	2.212	2.205	1.984	1.216	-	1.279
April	1.385	1.380	1.234	0.563	0.551	0.599	1.840	1.829	1.437	0.771	-	0.820
May	1.504	1.501	1.430	0.983	0.786	1.001	1.869	1.863	1.661	1.173	-	1.209
June	1.677	1.673	1.700	1.242	1.077	1.262	2.038	2.033	1.901	1.434	-	1.468
July	1.709	1.708	1.775	1.305	1.198	1.330	2.092	2.087	1.989	1.496	-	1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545
September	1.700	1.698	1.798	1.276	1.192	1.304	2.111	2.106	2.007	1.466	-	1.507
October	1.668	1.666	1.748	1.237	1.190	1.266	2.088	2.083	1.986	1.416	-	1.461
November	1.630	1.629	1.747	1.212	1.134	1.240	2.049	2.044	1.938	1.389	-	1.441
2020	1.733	1.730	1.804	1.252	1.193	1.282	2.128	2.123	2.017	1.434	-	1.482
2021												
January	1.887	1.884	1.978	1.505	1.503	1.531	2.275	2.271	2.183	1.679	-	1.727
February	2.104	2.102	2.181	1.713	1.668	1.739	2.488	2.481	2.382	1.892	-	1.938
March	2.343	2.341	2.463	1.934	1.889	1.963	2.748	2.742	2.663	2.142	-	2.188
April	2.390	2.389	2.558	1.970	1.934	2.003	2.801	2.795	2.785	2.179	-	2.232
May	2.569	2.566	2.702	2.092	2.077	2.128	2.981	2.972	2.894	2.303	-	2.353
June	2.884	2.868	2.769	2.162	2.097	2.198	3.197	3.171	2.960	2.399	-	2.448
July	2.985	2.969	2.844	2.246	2.203	2.281	3.313	3.295	3.044	2.496	-	2.543
August	R3.026	R3.008	R2.873	2.206	R2.208	2.247	3.367	3.348	3.072	2.447	-	2.502
September	3.021	3.003	2.825	2.224	2.141	2.258	3.366	3.346	3.014	2.447	-	2.501

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019	2.785	2.772	2.652	2.147	1.967	2.202	2.251	2.245	2.439	1.818	1.737	1.858
2020												
January	2.698	2.682	2.518	2.026	1.887	2.081	2.157	2.150	2.279	1.704	1.662	1.743
February	2.625	2.608	2.480	1.950	1.814	2.013	2.067	2.060	2.246	1.626	1.563	1.669
March	2.455	2.450	2.092	1.403	1.236	1.476	1.867	1.862	1.878	1.072	1.100	1.127
April	2.093	2.089	1.505	0.894	0.683	0.949	1.496	1.490	1.297	0.602	0.579	0.645
May	2.118	2.115	1.737	1.322	1.028	1.359	1.602	1.598	1.503	1.027	0.816	1.049
June	2.277	2.276	1.996	1.585	1.277	1.614	1.772	1.768	1.770	1.286	1.117	1.311
July	2.335	2.334	2.081	1.652	1.336	1.692	1.808	1.806	1.849	1.351	1.221	1.380
August	2.355	2.354	2.140	1.652	1.341	1.700	1.816	1.814	1.901	1.356	1.216	1.389
September	2.355	2.354	2.105	1.607	1.309	1.653	1.806	1.804	1.873	1.320	1.216	1.354
October	2.336	2.334	2.052	1.552	1.242	1.596	1.775	1.773	1.823	1.278	1.203	1.312
November	2.302	2.300	2.051	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	1.287
2020	2.373	2.369	2.098	1.589	1.316	1.636	1.832	1.829	1.874	1.294	1.214	1.330
2021												
January	2.531	2.530	2.298	1.807	1.551	1.851	1.988	1.986	2.059	1.543	1.515	1.575
February	2.747	2.745	2.505	2.026	1.803	2.075	2.204	2.201	2.262	1.752	1.694	1.784
March	2.998	2.996	2.788	2.276	2.051	2.331	2.445	2.442	2.543	1.976	1.914	2.011
April	3.055	3.054	2.895	2.320	2.095	2.378	2.495	2.493	2.641	2.015	1.967	2.055
May	3.235	3.232	3.037	2.452	2.203	2.510	2.687	2.683	2.782	2.138	2.101	2.181
June	3.410	3.403	3.115	2.537	2.289	2.598	3.017	3.000	2.849	2.210	2.126	2.252
July	3.531	3.526	3.192	2.638	2.377	2.695	3.121	3.105	2.925	2.296	2.232	2.337
August	3.584	3.578	R3.207	R2.594	R2.420	R2.664	R3.165	R3.146	R2.951	2.255	R2.239	2.302
September	3.580	3.574	3.153	2.584	2.354	2.646	3.162	3.143	2.902	2.269	2.174	2.310

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019	19.8	20.1	16.7	234.2	13.1	264.0	1.6	1.6	0.2	1.6	-	1.8
2020												
January	18.6	19.0	15.8	219.5	11.8	247.2	1.5	1.5	0.1	1.3	-	1.5
February	19.0	19.4	16.4	225.9	11.1	253.4	1.5	1.5	0.2	1.3	-	1.5
March	15.2	15.3	13.0	196.2	9.3	218.6	1.2	1.3	0.1	1.3	-	1.4
April	10.0	10.1	8.9	148.9	5.4	163.2	0.9	0.9	0.1	1.0	-	1.1
May	12.5	12.7	11.6	179.7	8.4	199.7	1.1	1.1	0.1	1.3	-	1.4
June	15.4	15.5	13.2	211.0	8.3	232.4	1.3	1.4	0.1	1.5	-	1.6
July	16.6	16.7	13.6	216.5	5.6	235.6	1.4	1.5	0.1	1.6	-	1.7
August	16.6	16.8	14.0	217.3	6.6	237.8	1.5	1.5	0.1	1.5	-	1.7
September	16.5	16.6	13.8	214.3	6.0	234.0	1.5	1.5	0.1	1.4	-	1.5
October	16.7	16.8	13.7	214.2	5.6	233.4	1.5	1.5	0.1	1.3	-	1.4
November	15.3	15.5	12.7	203.0	7.1	222.8	1.4	1.4	0.1	1.2	-	1.3
2020	15.6	15.8	13.2	204.2	7.5	224.9	1.3	1.4	0.1	1.3	-	1.4
2021												
January	14.6	14.7	11.7	195.7	4.8	212.3	1.3	1.3	0.1	1.0	-	1.2
February	14.9	15.1	12.4	197.4	6.6	216.4	1.3	1.4	0.1	1.1	-	1.2
March	16.3	16.4	13.3	216.3	5.9	235.6	1.4	1.4	0.1	1.2	-	1.3
April	16.9	17.0	14.0	223.6	6.3	243.8	1.5	1.5	0.1	1.3	-	1.4
May	9.6	9.7	15.2	233.2	7.4	255.8	0.9	1.0	0.1	1.5	-	1.6
June	3.4	3.5	16.6	244.8	8.2	269.6	0.5	0.5	0.1	1.5	-	1.7
July	3.3	3.5	16.7	245.3	7.7	269.7	0.5	0.5	0.2	1.6	-	1.7
August	3.3	3.4	R16.1	R244.7	R6.0	266.8	0.5	0.5	0.1	1.5	-	1.7
September	3.2	3.4	16.0	241.4	7.1	264.4	0.5	0.5	0.1	1.4	-	1.5

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019	2.5	2.5	4.6	29.7	1.8	36.1	23.8	24.2	21.4	265.6	14.9	301.9
2020	Total											
January	2.3	2.3	4.4	27.9	1.8	34.1	22.4	22.8	20.3	248.8	13.7	282.8
February	2.3	2.4	4.6	29.0	1.5	35.0	22.9	23.3	21.1	256.3	12.6	290.0
March	1.9	1.9	3.7	25.7	1.6	30.9	18.3	18.5	16.8	223.2	10.9	250.9
April	1.4	1.4	2.6	19.7	1.5	23.8	12.2	12.4	11.6	169.7	6.8	188.1
May	1.8	1.8	3.6	25.6	1.2	30.4	15.5	15.6	15.3	206.5	9.6	231.4
June	2.2	2.2	4.1	30.3	2.0	36.4	18.9	19.1	17.4	242.8	10.3	270.5
July	2.3	2.4	4.2	31.7	1.1	37.1	20.4	20.6	17.9	249.7	6.7	274.4
August	2.4	2.4	4.4	32.2	1.0	37.6	20.5	20.6	18.6	251.0	7.6	277.2
September	2.4	2.4	4.4	31.8	1.5	37.7	20.3	20.5	18.2	247.5	7.6	273.3
October	2.4	2.4	4.4	31.0	1.9	37.3	20.5	20.7	18.2	246.5	7.5	272.1
November	2.2	2.2	4.2	29.5	2.3	36.0	18.9	19.0	17.0	233.6	9.4	260.0
2020	2.1	2.2	4.0	28.6	1.6	34.2	19.1	19.3	17.4	234.1	9.1	260.5
2021	Total											
January	2.0	2.1	3.9	27.5	1.7	33.1	17.9	18.1	15.7	224.3	6.5	246.5
February	2.0	2.1	4.1	27.7	1.5	33.3	18.3	18.5	16.6	226.2	8.1	251.0
March	2.2	2.2	4.3	29.5	1.1	34.9	19.9	20.1	17.7	247.1	7.0	271.8
April	2.3	2.3	4.5	32.0	1.6	38.1	20.7	20.8	18.6	256.8	7.9	283.4
May	1.6	1.6	4.7	33.8	1.8	40.3	12.1	12.2	20.1	268.4	9.2	297.7
June	0.9	0.9	5.0	34.7	1.5	41.1	4.8	4.9	21.7	281.0	9.7	312.4
July	0.9	0.9	5.0	34.7	1.5	41.2	4.7	4.8	21.8	281.6	9.2	312.6
August	0.9	0.9	4.9	R34.3	1.0	40.2	4.7	4.8	R21.2	R280.5	R7.0	R308.7
September	0.9	0.9	4.9	33.5	1.3	39.7	4.6	4.7	21.0	276.2	8.4	305.6

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019	2.021	2.017	2.061	1.740	1.656	1.741	2.298	2.296	2.295	1.945	-	1.960
2020												
January	1.951	1.946	1.886	1.629	W	1.632	2.235	2.229	W	W	-	1.841
February	1.839	1.835	1.879	1.550	W	1.552	2.124	2.118	W	1.749	-	1.765
March	1.610	1.606	1.511	1.000	W	1.014	1.921	1.913	W	1.190	-	1.208
April	1.226	1.221	0.930	0.530	W	0.535	1.558	1.543	1.221	0.756	-	0.768
May	1.386	1.383	1.189	0.952	W	0.944	1.659	1.651	1.467	1.155	-	1.163
June	1.570	1.567	1.467	1.219	1.017	1.214	1.850	1.843	1.727	1.428	-	1.436
July	1.602	1.601	1.558	1.279	W	1.281	1.910	1.904	W	1.492	-	1.500
August	1.590	1.589	1.571	1.286	W	1.287	1.899	1.893	W	1.496	-	1.504
September	1.574	1.573	1.530	1.258	W	1.260	1.893	1.886	W	1.464	-	1.473
October	1.539	1.539	1.471	1.218	W	1.221	1.860	1.854	W	1.408	-	1.419
November	1.495	1.495	1.498	1.188	W	1.191	1.797	1.791	1.794	1.374	-	1.391
2020	1.604	1.603	1.536	1.223	1.173	1.227	1.900	1.893	1.820	1.414	-	1.427
2021												
January	1.771	1.769	1.703	1.480	W	1.485	2.065	2.059	W	1.662	-	1.676
February	1.985	1.983	1.889	1.691	W	1.693	2.269	2.258	W	1.875	-	1.886
March	2.217	2.215	2.169	1.915	W	1.918	2.528	2.519	W	2.132	-	2.144
April	2.250	2.251	2.255	1.949	W	1.953	2.559	2.550	W	2.169	-	2.186
May	2.398	2.397	2.383	2.064	W	2.070	2.704	2.688	W	2.293	-	2.308
June	2.679	2.664	2.448	2.134	W	2.140	2.991	2.919	W	2.396	-	2.410
July	2.790	2.774	2.572	2.227	W	2.234	3.145	3.095	W	2.509	-	2.524
August	R2.812	R2.794	R2.650	2.184	W	2.194	3.175	3.118	W	2.455	-	2.476
September	2.792	2.775	2.546	2.205	W	2.210	3.144	3.088	W	2.450	-	2.469

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019	2.584	2.565	2.324	2.117	1.896	2.110	2.072	2.068	2.109	1.778	1.684	1.779
2020												
January	2.528	2.504	2.138	1.988	1.826	1.982	2.001	1.995	1.934	1.665	W	1.668
February	2.421	2.399	2.146	W	1.741	1.916	1.890	1.886	1.930	1.587	W	1.590
March	2.223	2.216	1.768	W	1.179	1.388	1.667	1.663	1.560	1.041	W	1.054
April	1.857	1.850	W	0.869	0.648	0.858	1.291	1.286	0.971	0.567	0.538	0.572
May	1.964	1.960	W	1.299	0.949	1.285	1.446	1.443	1.240	0.992	0.749	0.984
June	2.143	2.142	1.733	1.577	1.229	1.555	1.629	1.626	1.523	1.260	1.059	1.256
July	2.208	2.207	1.813	W	1.334	1.635	1.665	1.664	1.612	1.322	W	1.324
August	2.194	2.193	1.829	W	1.337	1.637	1.654	1.653	1.625	1.328	W	1.329
September	2.185	2.183	1.789	W	1.307	1.598	1.638	1.637	1.584	1.298	W	1.301
October	2.158	2.156	1.730	W	1.264	1.542	1.603	1.602	1.524	1.255	W	1.259
November	2.103	2.101	W	1.515	1.229	1.503	1.556	1.555	1.554	1.224	1.159	1.228
2020	2.193	2.188	1.787	1.570	1.288	1.560	1.663	1.661	1.587	1.262	1.192	1.265
2021												
January	2.368	2.366	1.965	W	1.545	1.774	1.830	1.828	1.758	1.515	W	1.519
February	2.570	2.567	2.161	W	1.799	1.999	2.041	2.039	1.946	1.726	W	1.728
March	2.825	2.823	2.467	W	2.051	2.267	2.276	2.274	2.228	1.953	W	1.957
April	2.858	2.857	2.578	W	2.089	2.306	2.311	2.311	2.320	1.990	W	1.995
May	3.021	3.016	2.699	W	2.196	2.423	2.464	2.462	2.445	2.106	W	2.112
June	W	W	2.768	W	2.310	2.518	2.766	2.745	2.508	2.178	W	2.184
July	W	W	2.914	W	2.452	2.643	2.878	2.859	2.634	2.274	W	2.282
August	W	W	R2.987	W	R2.415	R2.604	R2.900	R2.878	R2.713	2.230	W	2.241
September	W	W	2.840	W	2.338	2.576	2.879	2.858	2.602	2.246	W	2.251

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019	13.1	13.4	3.4	168.8	10.7	183.0	0.7	0.7	0.1	1.2	-	1.3
2020												
January	12.3	12.6	3.1	W	W	171.6	0.7	0.7	W	W	-	1.1
February	12.6	12.9	W	163.1	W	175.4	0.7	0.7	W	W	-	1.1
March	10.2	10.4	W	144.8	W	155.0	0.6	0.6	W	W	-	1.1
April	6.9	7.0	W	111.8	W	117.4	0.4	0.4	0.0	0.8	-	0.9
May	8.6	8.8	W	134.0	W	143.6	0.5	0.5	0.0	1.0	-	1.0
June	10.5	10.6	2.7	157.1	6.9	166.7	0.6	0.7	0.0	1.2	-	1.2
July	11.3	11.4	W	160.8	W	168.7	0.7	0.7	W	W	-	1.3
August	11.2	11.3	W	160.0	W	168.9	0.7	0.7	W	W	-	1.2
September	11.1	11.2	W	158.3	W	166.6	0.7	0.7	W	W	-	1.1
October	11.3	11.4	W	158.0	W	165.6	0.7	0.7	W	W	-	1.0
November	10.3	10.4	W	149.3	W	157.2	0.6	0.6	0.0	0.9	-	1.0
2020	10.5	10.7	2.7	150.5	6.3	159.5	0.6	0.6	0.0	1.0	-	1.1
2021												
January	9.8	9.9	W	144.0	W	150.7	0.6	0.6	W	W	-	0.9
February	10.0	10.1	W	145.8	W	153.9	0.6	0.6	W	W	-	0.9
March	10.9	11.0	W	159.4	W	167.2	0.6	0.7	W	W	-	1.0
April	11.3	11.4	W	164.8	W	173.4	0.7	0.7	W	W	-	1.1
May	6.1	6.2	W	171.6	W	180.9	0.4	0.4	W	W	-	1.2
June	W	W	W	180.4	W	190.0	W	W	W	W	-	1.3
July	W	W	W	181.2	W	190.5	W	W	W	W	-	1.3
August	W	W	W	R180.1	W	187.5	W	W	W	W	-	1.3
September	W	W	W	177.8	W	186.1	W	W	W	W	-	1.1

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019	1.0	1.0	0.7	18.4	1.4	20.5	14.8	15.1	4.2	188.4	12.1	204.7
2020												
January	0.9	0.9	0.7	17.1	1.4	19.3	13.8	14.1	W	176.7	W	191.9
February	0.9	1.0	0.7	W	W	19.5	14.2	14.6	W	181.9	W	196.0
March	0.8	0.8	0.6	W	W	18.1	11.6	11.8	W	162.1	W	174.1
April	0.6	0.6	W	13.1	W	14.8	7.9	8.0	2.1	125.7	5.2	133.0
May	0.8	0.8	W	16.9	W	18.4	10.0	10.1	2.9	152.0	8.2	163.0
June	0.9	1.0	0.7	19.8	1.7	22.1	12.1	12.2	3.4	178.0	8.6	190.0
July	1.0	1.0	0.7	W	W	22.3	13.0	13.1	W	182.6	W	192.3
August	1.0	1.0	0.8	W	W	22.3	12.8	13.0	W	181.8	W	192.4
September	1.0	1.0	0.7	W	W	22.2	12.7	12.9	W	179.5	W	189.9
October	1.0	1.0	0.7	W	W	21.3	12.9	13.0	W	178.7	W	188.0
November	0.9	0.9	W	18.5	W	20.5	11.7	11.9	3.2	168.7	6.8	178.6
2020	0.9	0.9	0.6	18.2	1.2	20.1	12.0	12.2	3.4	169.7	7.5	180.6
2021												
January	0.8	0.8	0.6	W	W	19.6	11.2	11.3	W	162.3	W	171.2
February	0.8	0.8	0.6	W	W	19.6	11.5	11.6	W	164.1	W	174.4
March	0.9	0.9	0.7	W	W	20.2	12.4	12.6	W	178.9	W	188.4
April	0.9	1.0	0.7	W	W	22.4	12.9	13.1	W	186.1	W	196.9
May	0.6	0.6	0.8	W	W	24.0	7.1	7.2	W	194.3	W	206.1
June	W	W	0.9	W	W	24.2	W	W	W	203.7	W	215.5
July	W	W	0.9	W	W	24.2	W	W	W	204.7	W	216.1
August	W	W	R0.8	W	W	23.4	W	W	W	R203.1	W	R212.2
September	W	W	0.8	W	W	22.9	W	W	W	199.8	W	210.2

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019	2.433	2.428	2.462	1.869	1.925	1.967	2.744	2.744	2.657	2.071	-	2.200
2020												
January	2.296	2.289	2.291	1.746	W	1.839	2.616	2.616	W	W	-	2.108
February	2.241	2.234	2.254	1.671	W	1.771	2.569	2.569	W	1.907	-	2.053
March	2.086	2.084	1.895	1.105	W	1.231	2.466	2.466	W	1.318	-	1.494
April	1.731	1.728	1.306	0.661	W	0.763	2.102	2.102	1.519	0.840	-	1.005
May	1.766	1.764	1.491	1.077	W	1.147	2.060	2.060	1.732	1.246	-	1.358
June	1.906	1.904	1.759	1.309	1.382	1.383	2.207	2.207	1.967	1.454	-	1.560
July	1.936	1.934	1.832	1.380	W	1.452	2.254	2.254	W	1.510	-	1.617
August	1.964	1.962	1.894	1.382	W	1.463	2.295	2.295	W	1.530	-	1.662
September	1.959	1.957	1.870	1.328	W	1.414	2.299	2.299	W	1.472	-	1.604
October	1.933	1.931	1.819	1.290	W	1.374	2.284	2.284	W	1.449	-	1.584
November	1.902	1.900	1.808	1.282	W	1.359	2.255	2.255	2.008	1.442	-	1.579
2020	1.997	1.994	1.872	1.332	1.292	1.418	2.325	2.325	2.095	1.506	-	1.641
2021												
January	2.123	2.121	2.050	1.573	W	1.645	2.451	2.451	W	1.746	-	1.882
February	2.348	2.346	2.253	1.777	W	1.852	2.672	2.672	W	1.957	-	2.095
March	2.601	2.598	2.540	1.988	W	2.072	2.930	2.930	W	2.183	-	2.329
April	2.673	2.672	2.639	2.031	W	2.125	3.006	3.006	W	2.219	-	2.380
May	2.869	2.867	2.793	2.169	W	2.268	3.166	3.166	W	2.340	-	2.492
June	W	W	2.875	2.240	W	2.336	W	W	W	2.410	-	2.562
July	W	W	2.936	2.299	W	2.395	W	W	W	2.449	-	2.600
August	W	W	2.939	2.268	W	2.371	W	W	W	2.418	-	2.576
September	W	W	2.906	2.277	W	2.374	W	W	W	2.437	-	2.585

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019	2.918	2.913	2.715	2.194	2.219	2.323	2.543	2.538	2.520	1.918	1.966	2.026
2020												
January	2.805	2.796	2.589	2.085	2.096	2.211	2.409	2.402	2.359	1.798	W	1.901
February	2.756	2.747	2.542	W	W	2.135	2.357	2.350	2.320	1.722	W	1.833
March	2.618	2.617	2.154	W	W	1.600	2.213	2.211	1.955	1.156	W	1.294
April	2.280	2.280	W	0.944	W	1.098	1.864	1.862	1.370	0.704	0.706	0.819
May	2.237	2.237	W	1.367	W	1.472	1.884	1.883	1.566	1.124	1.184	1.205
June	2.380	2.379	2.048	1.601	1.530	1.706	2.023	2.021	1.830	1.357	1.411	1.441
July	2.429	2.429	2.137	W	W	1.777	2.057	2.056	1.909	1.429	W	1.511
August	2.473	2.472	2.205	W	W	1.792	2.090	2.089	1.973	1.430	W	1.523
September	2.476	2.475	2.168	W	W	1.731	2.089	2.087	1.946	1.376	W	1.474
October	2.459	2.459	2.112	W	W	1.667	2.066	2.064	1.895	1.336	W	1.430
November	2.433	2.432	W	1.549	1.128	1.652	2.037	2.036	1.885	1.328	1.119	1.415
2020	2.500	2.498	2.157	1.621	1.411	1.745	2.119	2.117	1.943	1.379	1.319	1.477
2021												
January	2.639	2.638	2.359	W	W	1.964	2.252	2.251	2.131	1.617	W	1.703
February	2.863	2.863	2.567	W	W	2.182	2.475	2.473	2.335	1.823	W	1.912
March	3.112	3.112	2.846	W	W	2.421	2.726	2.724	2.619	2.036	W	2.134
April	3.190	3.190	2.952	W	W	2.482	2.800	2.799	2.720	2.081	W	2.191
May	3.353	3.353	3.104	W	W	2.637	2.999	2.998	2.872	2.223	W	2.334
June	W	W	3.191	W	W	2.712	W	W	2.953	2.294	W	2.403
July	W	W	3.254	W	W	2.769	W	W	3.016	2.354	W	2.462
August	W	W	3.250	W	W	R2.748	W	W	3.017	R2.320	W	2.438
September	W	W	3.214	W	W	2.742	W	W	2.983	2.329	W	2.439

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019	6.7	6.8	13.2	65.4	2.4	81.0	0.9	0.9	0.1	0.4	-	0.5
2020												
January	6.4	6.4	12.7	W	W	75.6	0.8	0.8	W	W	-	0.4
February	6.4	6.5	W	62.8	W	78.0	0.8	0.8	W	W	-	0.4
March	4.9	4.9	W	51.4	W	63.6	0.7	0.7	W	W	-	0.3
April	3.2	3.2	W	37.2	W	45.8	0.4	0.4	0.1	0.2	-	0.2
May	3.9	3.9	W	45.6	W	56.1	0.6	0.6	0.1	0.2	-	0.3
June	4.9	4.9	10.5	53.9	1.4	65.8	0.7	0.7	0.1	0.3	-	0.4
July	5.3	5.4	W	55.7	W	66.9	0.8	0.8	W	W	-	0.4
August	5.5	5.5	W	57.3	W	69.0	0.8	0.8	W	W	-	0.4
September	5.4	5.4	W	56.0	W	67.5	0.8	0.8	W	W	-	0.4
October	5.4	5.5	W	56.1	W	67.8	0.8	0.8	W	W	-	0.4
November	5.1	5.1	W	53.6	W	65.6	0.7	0.7	0.1	0.3	-	0.3
2020	5.1	5.1	10.5	53.7	1.2	65.4	0.7	0.7	0.1	0.3	-	0.4
2021												
January	4.8	4.8	W	51.7	W	61.5	0.7	0.7	W	W	-	0.3
February	4.9	4.9	W	51.7	W	62.5	0.7	0.7	W	W	-	0.3
March	5.4	5.4	W	57.0	W	68.4	0.8	0.8	W	W	-	0.3
April	5.6	5.6	W	58.8	W	70.4	0.8	0.8	W	W	-	0.3
May	3.5	3.5	W	61.6	W	74.8	0.6	0.6	W	W	-	0.4
June	W	W	W	64.4	W	79.6	W	W	W	W	-	0.4
July	W	W	W	64.1	W	79.1	W	W	W	W	-	0.4
August	W	W	W	64.6	W	79.3	W	W	W	W	-	0.4
September	W	W	W	63.6	W	78.3	W	W	W	W	-	0.4

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019	1.5	1.5	3.9	11.4	0.4	15.6	9.1	9.1	17.2	77.2	2.8	97.2
2020												
January	1.4	1.4	3.7	10.8	0.4	14.9	8.6	8.7	W	72.1	W	90.9
February	1.4	1.4	3.9	W	W	15.5	8.7	8.8	W	74.4	W	94.0
March	1.1	1.1	3.1	W	W	12.8	6.7	6.7	W	61.1	W	76.8
April	0.8	0.8	W	6.6	W	9.1	4.4	4.4	9.5	44.0	1.7	55.1
May	1.0	1.0	W	8.7	W	12.0	5.5	5.5	12.3	54.6	1.5	68.4
June	1.2	1.2	3.4	10.6	0.3	14.3	6.8	6.9	14.0	64.8	1.7	80.5
July	1.3	1.3	3.5	W	W	14.8	7.4	7.5	W	67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7
September	1.4	1.4	3.6	W	W	15.5	7.6	7.6	W	68.0	W	83.4
October	1.4	1.4	3.7	W	W	16.0	7.6	7.7	W	67.8	W	84.1
November	1.3	1.3	W	11.0	W	15.5	7.2	7.2	13.8	64.9	2.7	81.4
2020	1.3	1.3	3.4	10.4	0.4	14.1	7.1	7.1	14.0	64.4	1.6	79.9
2021												
January	1.2	1.2	3.3	W	W	13.4	6.7	6.8	W	62.0	W	75.3
February	1.2	1.2	3.5	W	W	13.7	6.9	6.9	W	62.1	W	76.6
March	1.3	1.3	3.6	W	W	14.7	7.5	7.5	W	68.2	W	83.3
April	1.4	1.4	3.8	W	W	15.7	7.8	7.8	W	70.8	W	86.4
May	1.0	1.0	3.9	W	W	16.3	5.0	5.1	W	74.1	W	91.5
June	W	W	4.1	W	W	16.9	W	W	W	77.3	W	96.9
July	W	W	4.1	W	W	17.0	W	W	W	76.9	W	96.5
August	W	W	4.1	W	W	16.8	W	W	W	77.5	W	96.5
September	W	W	4.1	W	W	16.7	W	W	W	76.4	W	95.4

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018	W	1.397	1.587	1.466	1.662	1.463
2019	W	1.649	1.510	1.391	1.584	1.428
2020						
January	W	1.788	1.634	1.526	1.939	1.675
February	W	1.673	1.557	1.336	1.735	1.540
March	W	1.188	1.146	0.993	1.371	1.121
April	W	0.796	0.942	0.639	0.976	0.733
May	W	0.792	0.727	NA	0.817	0.775
June	W	1.018	0.894	1.013	0.949	1.017
July	W	1.153	0.981	1.089	1.071	1.137
August	W	1.189	1.026	1.068	1.224	1.135
September	W	1.098	1.035	1.000	1.200	1.066
October	W	1.078	1.071	0.996	1.151	1.041
November	W	1.164	1.068	1.098	1.145	1.145
2020						
January	W	1.186	1.090	1.066	1.246	1.143
2021						
January	W	1.491	1.344	1.352	1.462	1.432
February	W	1.583	1.469	1.429	1.617	1.518
March	W	1.780	1.590	1.558	1.766	1.683
April	W	1.780	1.556	1.534	1.756	1.686
May	W	1.828	1.552	1.628	1.760	1.736
June	W	1.909	1.608	1.650	1.867	1.783
July	W	1.852	1.721	1.766	1.969	1.818
August	W	1.842	1.666	1.674	1.901	1.776
September	W	1.913	1.748	1.768	1.950	1.845

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018	W	0.4	W	7.2	3.5	7.6
2019	W	1.1	W	6.4	2.6	7.5
2020						
January	W	3.9	W	3.0	1.8	6.9
February	W	4.7	W	3.1	2.4	7.8
March	W	5.1	W	2.7	2.0	7.9
April	W	5.2	W	3.5	2.3	8.7
May	W	3.9	W	1.8	1.6	5.8
June	W	4.4	W	1.3	1.8	5.7
July	W	3.3	W	1.1	2.0	4.4
August	W	2.4	W	1.9	1.7	4.4
September	W	4.0	W	2.0	1.9	6.0
October	W	3.1	W	2.7	2.9	5.8
November	W	3.8	W	1.6	2.0	5.4
2020	W	3.9	W	2.2	2.1	6.1
2021						
January	W	2.8	W	2.1	2.1	4.9
February	W	2.8	W	2.1	2.0	4.9
March	W	3.9	W	3.0	2.1	7.0
April	W	3.0	W	1.9	2.0	4.9
May	W	2.7	W	2.3	1.8	5.1
June	W	3.0	W	2.8	2.2	5.8
July	W	2.5	W	1.6	1.8	4.1
August	W	3.0	W	1.9	2.0	4.9
September	W	2.6	W	2.3	1.8	4.9

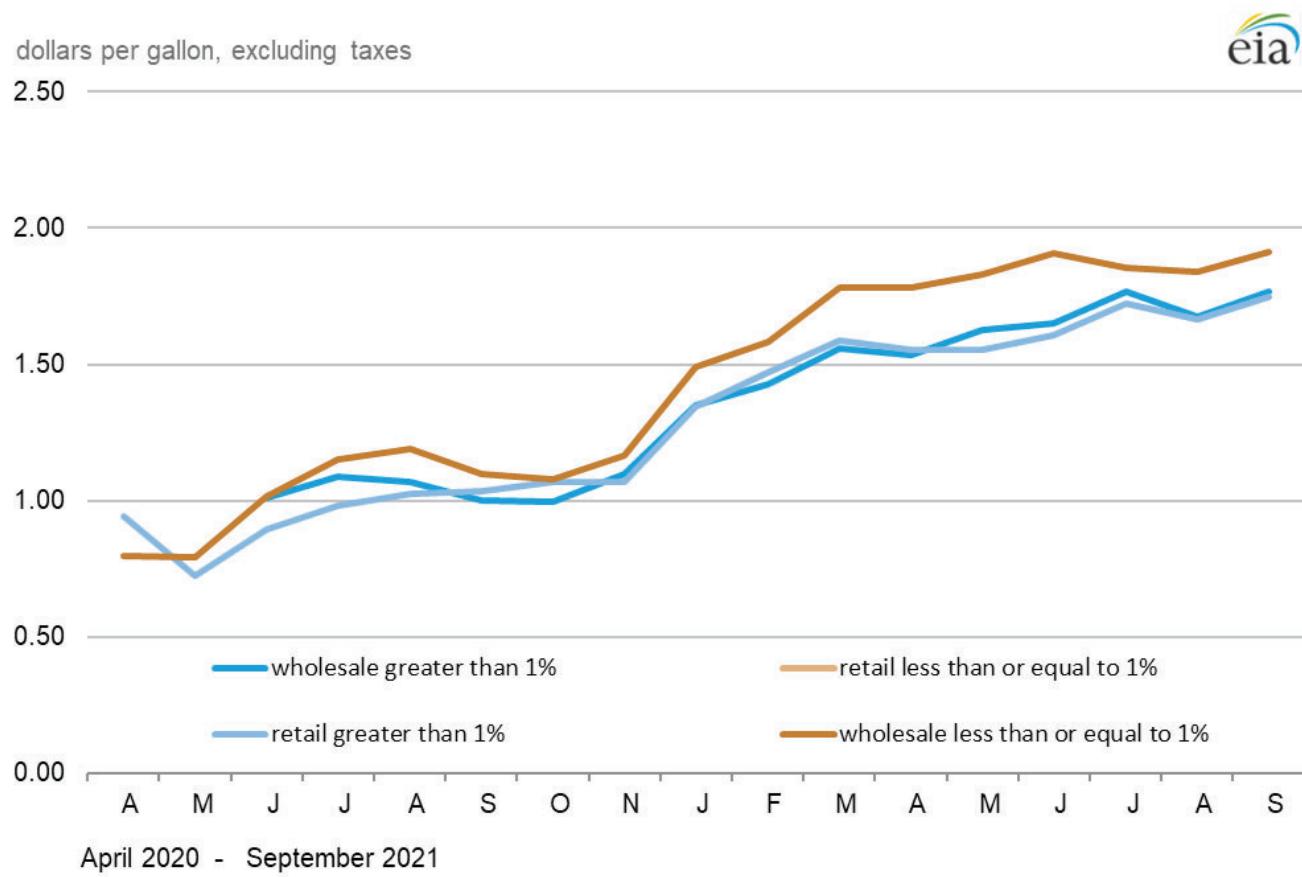
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices
dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019	55.59	55.48	51.49	W	51.70	49.17	53.24	53.68	53.50	52.58	53.60	56.32	50.50
2020													
January	56.55	56.55	50.01	W	49.82	49.15	54.23	55.74	55.94	53.68	54.12	56.54	51.24
February	49.66	49.75	43.16	W	43.23	42.15	47.03	51.94	53.46	47.66	48.98	49.40	44.16
March	31.01	30.79	23.42	W	23.42	22.45	28.21	27.30	27.13	26.48	26.55	28.07	24.22
April	15.18	15.38	10.34	W	11.07	9.38	12.72	16.22	16.29	14.40	16.64	15.73	11.81
May	18.02	17.83	17.75	W	20.22	16.43	19.08	25.65	24.92	22.80	24.33	27.89	20.50
June	33.81	34.26	25.01	W	31.63	22.52	34.80	35.02	34.78	33.51	34.32	37.55	31.58
July	37.44	37.88	30.10	W	32.47	29.49	36.96	37.39	37.25	36.38	36.07	39.93	34.28
August	39.37	39.61	31.15	W	34.42	30.43	38.14	38.91	38.65	37.89	37.52	41.57	35.92
September	36.82	37.10	28.42	W	30.65	27.12	35.64	36.34	36.18	35.34	35.04	38.83	33.41
October	36.39	36.74	29.37	W	30.68	28.35	35.39	36.16	35.96	35.12	34.78	35.77	32.98
November	38.25	38.53	30.13	W	32.48	28.89	37.34	38.04	37.81	36.99	36.55	40.33	34.81
December	43.92	44.15	36.09	W	38.06	35.02	43.63	43.94	43.72	42.87	42.50	45.89	40.68
2020	36.86	37.05	30.93	W	32.44	29.82	36.06	38.05	38.18	36.29	36.96	39.40	34.39
2021													
January	49.73	49.94	42.24	W	43.48	41.56	48.86	48.58	48.27	47.56	47.06	50.95	45.56
February	56.72	57.06	49.13	W	50.23	48.76	56.04	55.86	55.65	54.95	54.36	57.96	52.69
March	60.67	60.96	53.66	W	54.11	52.78	59.93	59.27	59.13	58.48	57.38	61.47	56.27
April	59.87	60.10	54.00	W	54.25	53.32	58.21	58.30	58.10	57.55	56.50	61.07	55.40
May	62.80	63.04	57.37	W	57.70	56.73	61.21	61.78	61.58	60.90	59.97	65.27	58.80
June	68.57	68.92	64.19	W	64.23	63.87	67.31	68.04	67.72	67.28	65.46	70.33	65.14
July	70.12	70.37	65.09	W	65.79	64.28	68.66	69.43	69.33	68.80	66.75	72.18	66.47
August	65.67	65.88	60.34	W	61.05	59.57	64.41	64.46	64.58	63.86	61.61	67.24	61.65
September	69.08	69.24	64.13	W	64.79	63.42	67.77	68.00	67.86	67.53	65.31	70.80	65.23

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)					PAD District 3					Federal		
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore	Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66		18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28		12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29		16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60		27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41		23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77		23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13		28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79		37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61		49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31		60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30		67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85		99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40		58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23		77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99		105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50		105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80		103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02		93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95		47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35		38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57		48.46
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91		65.97
2019	52.60	52.30	54.60	50.91	55.85	57.73	51.40	59.47	57.65	53.01	55.04		59.46
2020													
January	53.65	51.07	55.78	50.88	57.12	56.23	52.23	59.04	56.07	56.55	57.25		57.03
February	46.18	44.01	48.60	43.81	50.57	49.17	45.05	51.70	49.68	49.44	49.88		53.16
March	28.64	24.30	28.14	23.66	31.77	28.68	24.67	31.15	28.75	29.83	30.34		37.10
April	11.76	12.44	14.28	10.05	15.95	12.59	12.74	16.12	14.14	15.32	14.75		19.62
May	18.03	21.17	19.96	10.31	16.95	18.03	22.15	20.97	20.80	17.24	16.92		16.60
June	35.98	31.29	33.77	33.96	34.04	34.52	32.59	36.55	36.08	33.98	34.90		31.49
July	36.80	33.43	37.87	34.80	38.11	36.19	35.46	39.15	37.76	37.69	38.37		37.54
August	37.66	35.52	39.51	36.11	40.06	38.23	36.80	40.66	39.95	39.95	39.98		40.56
September	35.36	33.12	36.68	33.13	37.56	35.48	34.54	38.50	37.18	37.31	37.09		39.27
October	35.02	33.45	36.62	33.30	37.15	35.15	34.23	37.81	36.70	37.14	36.97		37.94
November	36.98	34.75	38.45	35.17	38.83	36.79	36.16	39.51	39.04	38.68	38.77		39.11
December	43.57	40.66	44.27	40.66	44.23	42.46	41.60	45.35	44.45	44.35	44.64		43.02
2020	35.63	33.36	37.05	32.72	37.31	36.19	35.16	38.91	37.76	36.86	37.17		37.96
2021													
January	48.93	45.39	49.40	45.76	50.20	47.99	45.56	50.68	49.48	49.89	50.41		49.87
February	56.14	52.47	56.58	52.90	57.32	55.29	53.01	58.36	56.60	57.07	57.80		56.39
March	60.19	56.64	60.18	57.08	61.24	59.20	56.62	61.70	60.72	61.45	61.30		60.99
April	57.74	55.91	59.49	56.62	60.53	58.61	55.46	61.24	59.90	60.29	60.36		61.25
May	60.53	59.31	62.72	59.50	63.42	61.61	58.92	64.08	62.70	63.44	63.48		63.27
June	66.53	65.73	69.01	65.71	69.28	67.73	65.27	70.18	68.75	69.57	69.49		68.53
July	67.80	67.18	70.37	67.58	70.80	69.67	66.70	71.50	69.98	71.13	70.78		70.71
August	63.82	62.15	65.91	63.57	66.24	64.05	61.64	66.38	64.48	66.35	66.02		67.01
September	66.98	65.93	69.58	67.07	69.57	67.66	65.05	69.98	68.18	70.06	69.85		67.57

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				Federal Offshore CA	
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Offshore CA	
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97	
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99	
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78	
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32	
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38	
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03	
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25	
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23	
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48	
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37	
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39	
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68	
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59	
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80	
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01	
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04	
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40	
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55	
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62	
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W	
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W	
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W	
2019	50.72	50.89	50.26	48.32	51.53	59.94	57.55	W	62.98	W	
2020											
January	51.01	51.78	49.99	49.02	51.07	59.20	56.49	W	63.03	W	
February	43.82	44.04	42.45	44.19	43.74	50.50	48.24	W	53.68	W	
March	24.62	23.95	23.69	29.17	24.11	33.21	34.68	W	31.47	W	
April	11.19	9.53	9.95	18.69	10.79	15.33	12.29	W	19.50	W	
May	15.11	9.96	16.52	21.93	20.46	23.77	20.52	W	27.94	W	
June	32.16	30.77	33.91	31.48	33.75	32.08	26.24	-	38.39	W	
July	34.90	36.04	33.81	33.89	35.03	35.05	31.07	-	40.37	W	
August	36.93	37.99	35.57	37.49	36.45	38.35	35.80	-	41.65	W	
September	34.15	35.31	32.85	35.58	33.37	35.25	31.90	-	39.16	W	
October	34.43	35.33	32.68	35.32	34.06	34.29	30.82	W	38.77	W	
November	36.26	37.16	34.62	36.93	35.96	36.98	34.69	-	40.93	W	
December	41.90	42.91	40.21	41.96	41.82	43.44	40.64	-	47.61	W	
2020	33.33	31.40	33.21	34.91	34.34	36.65	33.98	W	40.21	W	
2021											
January	46.97	47.83	45.03	47.76	46.65	49.10	46.69	-	52.85	W	
February	53.49	54.73	52.09	53.06	53.52	55.48	52.37	-	60.28	W	
March	57.05	58.09	56.39	56.25	57.21	59.34	56.52	-	63.87	W	
April	56.65	56.92	56.76	55.35	57.17	58.92	56.04	-	62.95	W	
May	60.01	60.63	59.43	57.84	60.88	61.93	59.16	-	66.26	W	
June	65.81	66.83	65.23	63.42	66.70	66.78	63.73	-	71.54	W	
July	66.97	67.39	66.45	64.30	68.28	68.60	65.90	-	72.21	W	
August	62.65	63.02	62.47	60.11	63.79	64.73	62.24	-	68.08	W	
September	66.33	66.93	65.93	62.79	67.93	68.93	66.69	-	72.14	W	

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 19. Domestic crude oil first purchase prices for selected crude streams
dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019	57.55	62.57	61.00	60.92	58.88	58.14	54.14	53.51	52.21
2020									
January	56.49	63.23	60.51	57.87	56.25	55.40	57.39	56.50	52.01
February	48.24	53.93	50.70	53.15	48.50	50.45	50.00	49.17	45.03
March	34.68	31.47	28.50	35.58	31.74	32.24	31.48	29.32	24.97
April	12.29	W	16.53	18.17	15.64	15.13	15.54	14.76	11.07
May	20.52	W	26.82	15.76	19.84	17.35	17.05	15.61	22.08
June	26.24	W	37.47	31.77	36.45	33.21	35.06	36.21	33.96
July	31.07	W	39.89	35.91	38.30	38.37	38.45	38.36	34.98
August	35.80	W	40.60	39.85	40.63	41.31	40.18	40.47	36.53
September	31.90	W	38.12	36.78	37.45	39.28	37.34	37.62	33.66
October	30.82	W	37.93	36.84	37.46	37.89	37.08	37.39	34.35
November	34.69	W	39.95	38.00	39.53	39.69	38.86	39.30	36.36
December	40.64	W	46.76	43.85	44.33	44.66	44.68	45.31	42.32
2020	33.98	40.26	39.04	38.12	38.10	36.89	37.35	37.35	34.95
2021									
January	46.69	W	51.75	52.07	51.03	50.66	50.63	51.00	47.30
February	52.37	W	59.16	59.18	58.35	57.88	58.17	58.57	54.41
March	56.52	W	63.00	63.49	62.13	61.17	61.81	61.83	57.94
April	56.04	W	61.82	63.13	61.46	60.76	60.84	60.31	57.65
May	59.16	W	65.25	65.54	64.46	63.92	63.88	64.00	61.42
June	63.73	W	70.41	71.68	70.51	69.89	69.79	70.18	67.46
July	65.90	W	70.97	72.91	71.79	70.90	71.50	71.21	69.17
August	62.24	W	66.75	68.30	66.28	65.45	66.80	66.63	64.70
September	66.69	W	71.01	70.57	70.47	67.54	70.36	70.09	68.76

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 20. Domestic crude oil first purchase prices by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019	62.43	62.03	57.27	57.20	54.35	55.12
2020						
January	62.86	61.73	56.16	56.29	57.08	56.25
February	53.45	52.84	47.92	50.78	49.70	48.82
March	31.20	31.18	34.22	32.28	31.03	28.50
April	19.11	18.77	12.23	15.93	15.41	13.69
May	27.48	27.74	20.53	16.66	17.66	18.24
June	37.99	38.53	26.44	33.97	35.16	35.43
July	39.84	39.61	31.16	37.83	38.31	37.95
August	41.36	41.53	35.80	40.75	40.04	39.46
September	38.78	38.94	31.88	38.37	37.20	36.79
October	38.42	38.59	30.86	37.57	36.99	36.67
November	40.46	40.71	34.68	39.20	38.80	38.53
December	47.14	47.21	40.61	44.60	44.62	44.60
2020	40.03	40.15	33.93	37.44	37.34	36.74
2021						
January	52.30	52.09	46.61	51.02	50.50	49.91
February	59.63	60.06	52.29	58.29	57.99	56.97
March	63.21	63.47	56.45	62.13	61.66	60.91
April	62.20	62.85	55.96	61.18	60.72	59.42
May	65.45	65.92	59.10	64.21	63.81	62.43
June	70.80	71.51	63.67	70.23	69.73	68.53
July	71.83	72.24	65.80	71.41	71.41	69.90
August	67.54	68.06	62.13	66.51	66.71	65.45
September	71.73	71.92	66.56	69.26	70.32	68.93

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 21. F.O.B.[a] costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019	66.97	60.61	56.72	67.21	63.48	65.20	48.57	61.43	62.11	52.36
2020										
January	-	56.90	53.70	W	49.26	W	-	50.36	51.96	46.61
February	-	W	47.74	W	W	W	-	51.87	53.40	40.68
March	W	27.34	28.59	W	W	W	-	24.18	28.56	23.61
April	W	19.88	12.25	W	21.44	-	-	21.44	22.92	12.23
May	-	W	22.92	W	W	W	-	29.19	30.80	18.09
June	-	33.32	34.36	W	W	W	-	40.59	41.17	32.84
July	-	W	37.95	W	42.98	-	-	40.60	41.32	36.08
August	-	40.34	40.16	W	W	-	-	W	44.02	37.20
September	-	37.36	38.42	W	W	-	-	W	41.19	35.82
October	W	W	37.12	W	-	-	-	-	40.10	34.01
November	-	W	39.55	-	-	W	-	W	W	36.36
December	W	W	45.09	W	W	-	-	W	52.06	40.99
2020	W	36.03	36.00	W	35.35	43.39	-	36.06	38.34	33.22
2021										
January	-	W	50.54	W	55.18	-	-	54.23	55.26	45.40
February	-	W	56.46	W	60.73	W	-	58.53	60.66	52.03
March	-	W	59.46	W	W	-	-	62.12	63.76	56.49
April	-	62.48	59.54	W	65.55	-	-	63.85	64.57	56.49
May	W	W	62.26	72.66	67.70	-	-	66.13	68.01	60.31
June	W	W	67.27	W	70.06	W	-	70.06	71.60	64.02
July	W	W	R68.52	W	W	-	-	W	R73.71	64.65
August	W	W	R63.75	W	R70.39	-	-	R68.81	R70.87	R61.61
September	W	W	66.66	W	W	-	-	W	75.84	63.95

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries									Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela				
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45	
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22	
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51	
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80	
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17	
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97	
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68	
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29	
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31	
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14	
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96	
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59	
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58	
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68	
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64	
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05	
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99	
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67	
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09	
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09	
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67	
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27	
2019	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65	
2020												
January	W	45.70	62.93	55.93	W	53.68	W	-	55.30	56.42	50.32	
February	-	39.83	54.16	49.66	54.23	55.20	W	-	54.48	54.45	43.29	
March	W	23.51	34.75	29.42	W	24.34	W	-	27.39	28.49	26.76	
April	30.93	13.35	23.24	13.73	W	22.98	W	-	23.42	23.99	15.55	
May	W	17.45	28.61	24.35	W	28.84	W	-	29.99	30.70	20.75	
June	-	34.85	33.13	35.04	W	40.23	W	-	41.20	41.61	35.20	
July	-	37.69	37.64	38.72	W	43.64	45.81	-	42.95	43.61	38.42	
August	-	38.89	41.71	40.88	W	43.83	-	-	42.75	43.04	39.86	
September	W	35.66	38.27	39.01	W	43.13	W	-	41.83	42.13	37.66	
October	W	35.63	38.29	37.53	W	44.98	W	-	43.49	42.11	36.68	
November	W	36.98	43.35	40.06	W	W	48.92	-	43.86	45.41	38.87	
December	W	41.59	46.62	45.76	53.81	54.19	51.22	-	51.59	52.89	43.75	
2020	41.03	33.81	41.04	37.18	46.24	35.84	44.51	-	37.98	39.28	35.95	
2021												
January	W	46.06	W	51.32	W	58.83	-	-	57.43	58.18	48.21	
February	-	51.58	60.79	57.08	W	62.72	66.55	-	60.95	62.41	54.46	
March	W	56.03	W	60.74	W	65.49	W	-	64.56	65.26	58.25	
April	-	57.36	64.38	60.30	68.45	69.04	W	-	66.60	67.17	59.60	
May	70.56	60.48	66.44	63.05	72.44	70.61	W	-	69.15	70.09	62.58	
June	W	64.53	69.84	68.09	W	70.17	74.58	-	70.85	72.24	66.68	
July	W	R65.10	71.74	R69.12	67.47	R71.81	76.48	-	R72.05	R72.12	R67.55	
August	W	R62.17	67.43	R64.42	W	R70.90	W	-	R69.30	R70.66	R64.25	
September	W	63.58	70.20	67.48	W	72.32	W	-	71.59	73.21	66.42	

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019	52.06	50.37	56.25	60.66	56.02	64.95	66.00
2020							
January	44.99	44.23	51.00	56.11	45.58	W	W
February	39.82	38.29	45.17	52.21	38.00	-	W
March	21.99	21.67	30.18	30.46	28.58	-	W
April	11.33	9.06	16.66	20.14	19.93	W	W
May	17.20	17.83	21.40	19.57	24.28	W	W
June	29.90	31.92	35.24	37.37	35.07	W	W
July	32.43	35.65	34.95	39.54	40.81	W	-
August	34.78	36.71	35.24	41.32	39.88	-	W
September	30.98	34.16	32.19	39.60	39.25	W	-
October	31.30	33.30	34.56	38.04	37.65	W	W
November	32.37	34.98	32.44	40.31	39.20	W	W
December	37.68	39.34	41.98	45.65	47.06	-	W
2020	29.67	31.85	35.78	38.34	35.58	45.09	W
2021							
January	40.45	43.73	46.81	52.06	51.31	-	W
February	50.99	49.44	57.70	57.01	60.65	W	W
March	55.12	54.23	58.50	61.74	62.93	W	W
April	53.63	54.26	55.33	63.65	64.12	W	W
May	56.50	57.79	64.10	66.69	67.65	-	W
June	60.16	61.76	68.25	69.25	71.52	-	W
July	60.15	R62.68	R69.55	R69.70	73.07	W	W
August	R56.55	R59.07	R60.23	R68.28	R71.42	W	W
September	59.52	61.15	68.81	71.77	73.86	-	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 24. Landed costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019	55.35	52.45	59.50	62.18	58.78	64.00	66.06
2020							
January	50.96	46.84	57.89	57.39	54.81	62.71	W
February	42.58	40.73	47.63	52.71	46.42	W	W
March	26.39	24.85	32.47	28.46	32.59	W	23.27
April	15.15	12.60	19.57	22.31	25.59	32.04	W
May	20.48	19.51	25.61	25.50	27.96	36.78	W
June	34.35	34.47	36.92	38.67	37.81	47.86	W
July	36.88	37.80	37.46	41.25	43.68	50.24	W
August	38.35	38.96	39.06	42.93	43.30	46.80	40.87
September	35.04	36.17	37.70	41.04	42.18	47.59	W
October	36.15	35.53	38.15	40.10	40.01	44.92	W
November	37.28	37.19	40.46	42.65	44.29	54.70	W
December	43.11	41.87	44.76	48.55	50.57	55.87	W
2020	34.60	34.13	38.84	39.12	40.34	47.97	44.32
2021							
January	47.47	46.42	48.45	54.37	53.76	51.47	65.17
February	54.16	51.83	57.88	59.85	60.94	W	64.88
March	58.70	55.94	61.25	63.39	63.25	W	66.11
April	58.35	57.05	60.61	66.10	66.76	66.64	W
May	62.14	59.92	64.36	68.72	69.43	69.52	73.56
June	65.84	64.34	69.78	70.99	71.69	72.29	W
July	65.55	R65.34	R68.34	R71.93	72.65	R74.07	W
August	R62.35	R60.95	R65.72	R70.37	R70.48	R72.34	W
September	64.61	63.68	69.92	72.22	72.22	72.76	W

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Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 25. Percentages of total imported crude oil by API gravity
percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019	12.42	43.34	11.30	20.05	9.16	2.16	1.58
2020							
January	11.06	51.03	9.75	20.95	4.59	W	W
February	11.81	49.41	9.85	21.62	4.36	W	W
March	12.83	46.85	9.76	25.25	4.01	W	W
April	13.70	41.56	6.88	30.36	5.43	W	W
May	10.82	45.64	9.13	23.45	8.49	W	W
June	11.41	46.63	10.74	23.26	5.22	W	W
July	12.03	50.00	9.26	19.89	5.70	W	W
August	18.61	43.18	7.40	23.85	4.45	1.81	0.70
September	15.17	42.32	7.11	21.59	8.37	W	W
October	12.56	53.37	9.27	14.05	7.33	W	W
November	11.54	53.27	7.43	20.29	4.76	W	W
December	12.57	45.31	10.30	21.56	7.37	W	W
2020	12.82	47.40	8.92	22.32	5.75	1.38	1.41
2021							
January	8.16	49.99	8.83	24.63	6.41	0.75	1.23
February	11.56	48.27	6.04	22.55	7.58	W	W
March	11.09	49.73	6.96	21.14	7.87	W	W
April	11.57	46.32	6.59	21.58	11.26	W	W
May	7.54	47.07	7.43	22.84	12.79	1.00	1.32
June	9.65	45.50	5.80	25.58	10.84	W	W
July	R11.15	R45.65	R5.70	R26.91	R8.02	W	W
August	R11.59	R43.24	R9.61	R23.75	R8.53	W	W
September	15.99	42.09	8.34	23.49	8.58	W	W

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Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018	-	63.19	63.02	-	W
2019	W	59.43	57.35	-	-
2020					
January	-	-	54.19	-	-
February	-	W	47.96	-	-
March	-	W	28.09	-	-
1st quarter average	-	W	42.77	-	-
April	-	-	13.62	-	-
May	-	W	24.27	W	-
June	-	W	35.08	-	-
2nd quarter average	-	W	25.16	W	-
July	-	W	38.11	W	-
August	-	W	40.29	-	-
September	-	W	38.51	-	-
3rd quarter average	-	W	39.08	W	-
October	-	-	37.13	-	-
November	W	W	39.29	-	-
December	W	W	45.56	-	-
4th quarter average	W	W	40.64	-	-
2020	W	W	36.74	W	-
2021					
January	-	W	50.26	-	-
February	-	W	57.07	W	-
March	-	W	59.55	-	-
1st quarter average	-	W	55.42	W	-
April	W	W	59.00	-	-
May	-	64.63	62.11	W	-
June	-	W	66.72	W	-
2nd quarter average	W	65.41	62.85	W	-
July	-	W	R68.25	W	-
August	-	-	R63.34	-	-
September	-	-	66.31	-	-
3rd quarter average	-	W	66.11	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 27. Landed costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018	72.51	W	42.83	57.93	W
2019	67.75	-	47.62	54.05	52.58
2020					
January	-	-	39.65	51.92	-
February	-	-	30.63	43.35	-
March	-	-	16.76	23.54	-
1st quarter average	-	-	29.70	37.59	-
April	-	-	9.34	14.23	-
May	-	-	12.37	15.09	-
June	-	-	W	37.81	-
2nd quarter average	-	-	19.60	23.72	-
July	-	-	W	39.34	-
August	-	-	37.44	40.63	-
September	-	-	31.18	37.70	-
3rd quarter average	-	-	34.69	39.41	-
October	W	-	W	37.05	-
November	W	-	33.92	39.97	W
December	W	-	40.18	44.89	W
4th quarter average	W	-	35.59	40.78	W
2020	W	-	30.27	35.88	W
2021					
January	W	-	W	49.30	W
February	W	-	W	56.92	-
March	W	-	53.42	60.14	W
1st quarter average	W	-	47.61	53.47	W
April	W	-	52.71	62.94	W
May	W	-	55.55	64.81	W
June	-	-	58.68	69.26	W
2nd quarter average	W	-	55.59	65.80	W
July	-	-	60.91	71.10	W
August	-	-	R56.61	66.78	W
September	-	-	59.10	68.61	W
3rd quarter average	-	-	59.12	68.92	W

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018	67.94	65.09	65.43	63.62	-
2019	62.80	58.80	61.37	58.45	W
2020					
January	65.83	60.97	59.30	55.97	-
February	58.02	51.90	53.81	49.49	-
March	40.38	30.08	38.05	28.62	-
1st quarter average	53.79	45.07	49.12	44.35	-
April	W	18.35	W	13.84	-
May	W	W	34.88	25.43	-
June	W	-	W	35.68	-
2nd quarter average	W	20.25	40.99	25.71	-
July	41.62	-	42.97	38.79	-
August	44.31	W	42.30	40.97	-
September	42.45	W	40.32	39.12	-
3rd quarter average	42.88	41.16	42.10	39.72	-
October	40.76	W	W	37.49	-
November	42.83	W	41.13	39.70	-
December	48.98	W	47.25	46.12	-
4th quarter average	44.55	43.52	43.01	41.08	-
2020	44.49	40.60	45.41	37.54	-
2021					
January	58.25	53.23	W	50.99	-
February	W	W	W	57.52	-
March	64.45	64.06	63.36	60.68	-
1st quarter average	61.83	58.91	59.68	56.04	-
April	66.21	62.72	W	59.56	-
May	W	W	67.04	62.74	W
June	72.99	W	W	67.35	-
2nd quarter average	68.65	66.23	68.88	63.45	W
July	W	W	W	R68.78	-
August	71.37	W	W	R63.78	-
September	72.79	70.49	W	66.96	-
3rd quarter average	72.29	70.60	W	66.59	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018	W	69.40	68.78	71.81	63.24
2019	W	65.28	64.40	66.19	W
2020					
January	-	51.55	W	W	-
February	-	55.70	W	W	-
March	-	24.85	22.09	W	-
1st quarter average	-	40.69	27.52	W	-
April	-	22.79	20.55	W	-
May	W	31.84	28.07	W	-
June	-	W	42.13	-	-
2nd quarter average	W	27.85	27.92	W	-
July	W	W	42.47	W	-
August	-	W	W	W	-
September	-	43.42	42.55	-	-
3rd quarter average	W	43.56	42.42	W	-
October	-	W	W	-	-
November	W	W	W	W	-
December	-	54.70	W	W	-
4th quarter average	W	48.49	W	W	-
2020	W	37.61	31.86	45.94	-
2021					
January	-	60.26	56.50	W	-
February	W	63.08	W	W	-
March	-	W	W	W	-
1st quarter average	W	63.08	58.15	W	-
April	-	69.61	W	-	-
May	W	71.80	W	W	-
June	W	69.95	W	-	-
2nd quarter average	W	70.51	W	W	-
July	W	R71.81	-	-	-
August	-	R71.41	W	W	-
September	-	71.08	W	W	-
3rd quarter average	W	71.48	W	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
September 2021	3.021	2.500	2.258	3.366	2.521	2.501	3.580	2.800	2.646	3.162	2.517	2.310
August 2021	3.026	2.514	2.247	3.367	NA	2.502	3.584	2.891	2.664	3.165	2.531	2.302
September 2020	1.700	1.506	1.304	2.111	1.534	1.507	2.355	1.933	1.653	1.806	1.533	1.354
PAD District 1												
September 2021	W	2.294	2.180	W	W	2.420	W	-	2.521	W	2.358	2.225
August 2021	W	2.229	2.130	W	W	2.363	W	-	2.458	W	2.314	2.174
September 2020	1.598	1.283	1.250	1.877	W	1.431	2.102	-	1.551	1.685	1.306	1.293
Subdistrict 1A												
September 2021	-	W	2.235	-	-	2.521	-	-	2.525	-	W	2.280
August 2021	-	W	2.197	-	-	2.462	-	-	2.476	-	W	2.242
September 2020	W	W	1.287	W	-	1.438	W	-	1.562	W	W	1.331
Connecticut												
September 2021	-	W	2.228	-	-	2.344	-	-	2.537	-	W	2.281
August 2021	-	W	2.194	-	-	2.304	-	-	2.489	-	W	2.246
September 2020	-	W	1.289	-	-	1.413	-	-	1.560	-	W	1.338
Maine												
September 2021	-	-	2.271	-	-	W	-	-	W	-	-	2.303
August 2021	-	-	2.228	-	-	W	-	-	W	-	-	2.265
September 2020	-	-	1.307	-	-	W	-	-	1.558	-	-	1.334
Massachusetts												
September 2021	-	-	2.219	-	-	2.288	-	-	2.468	-	-	2.256
August 2021	-	-	2.177	-	-	2.217	-	-	2.404	-	-	2.211
September 2020	W	-	1.262	W	-	1.291	W	-	1.494	W	-	1.298
New Hampshire												
September 2021	-	-	W	-	-	-	-	-	W	-	-	W
August 2021	-	-	W	-	-	-	-	-	W	-	-	W
September 2020	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
September 2021	-	-	2.248	-	-	W	-	-	2.597	-	-	2.304
August 2021	-	-	2.218	-	-	W	-	-	2.570	-	-	2.276
September 2020	W	-	1.307	W	-	W	W	-	W	W	-	1.369
Vermont												
September 2021	-	-	W	-	-	-	-	-	2.546	-	-	W
August 2021	-	-	W	-	-	-	-	-	2.506	-	-	W
September 2020	-	-	1.270	-	-	W	-	-	1.564	-	-	W
Subdistrict 1B												
September 2021	W	-	2.190	W	-	2.359	W	-	2.485	W	-	2.231
August 2021	W	-	2.167	W	-	2.304	W	-	2.444	W	-	2.206
September 2020	1.657	-	1.247	1.906	-	1.351	2.100	-	1.478	1.745	-	1.285
Delaware												
September 2021	-	-	2.213	-	-	2.362	-	-	2.466	-	-	2.243
August 2021	-	-	2.178	-	-	2.306	-	-	2.387	-	-	2.202
September 2020	W	-	1.261	W	-	1.487	W	-	1.451	W	-	1.285
District of Columbia												
September 2021	-	-	-	-	-	-	-	-	-	-	-	-
August 2021	-	-	-	-	-	-	-	-	-	-	-	-
September 2020	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
September 2021	-	-	2.158	-	-	2.291	-	-	2.366	-	-	2.189
August 2021	-	-	2.124	-	-	2.226	-	-	2.344	-	-	2.156
September 2020	-	-	1.224	-	-	1.287	-	-	1.438	-	-	1.256
New Jersey												
September 2021	NA	-	2.148	NA	-	2.275	NA	-	2.443	NA	-	2.186
August 2021	NA	-	2.152	NA	-	2.226	NA	-	2.386	NA	-	2.186
September 2020	W	-	1.227	W	-	1.314	W	-	1.447	W	-	1.259
New York												
September 2021	W	-	2.252	W	-	2.525	W	-	2.588	W	-	2.313
August 2021	W	-	2.209	W	-	2.453	W	-	2.544	W	-	2.270
September 2020	1.701	-	1.300	1.940	-	1.505	2.134	-	1.630	1.788	-	1.363
Pennsylvania												
September 2021	W	-	2.198	W	-	2.322	W	-	2.455	W	-	2.225
August 2021	W	-	2.162	W	-	2.258	W	-	2.426	W	-	2.187
September 2020	W	-	1.236	W	-	1.361	W	-	1.368	W	-	1.257

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
September 2021	-	2.295	2.166	-	W	2.439	-	-	2.546	-	2.360	2.214
August 2021	-	2.232	2.097	-	W	2.376	-	-	2.466	-	2.317	2.145
September 2020	W	1.284	1.247	W	W	1.455	W	-	1.606	W	1.307	1.294
Florida												
September 2021	-	W	2.186	-	-	2.493	-	-	2.545	-	W	2.235
August 2021	-	W	2.108	-	-	2.408	-	-	2.455	-	W	2.157
September 2020	W	W	1.270	W	-	1.454	W	-	1.609	W	W	1.318
Georgia												
September 2021	-	W	2.156	-	-	2.404	-	-	2.598	-	W	2.211
August 2021	-	W	2.082	-	-	2.338	-	-	2.522	-	W	2.138
September 2020	W	W	1.237	W	-	1.436	W	-	1.653	W	W	1.289
North Carolina												
September 2021	-	-	2.146	-	-	2.443	-	-	2.540	-	-	2.194
August 2021	-	-	2.077	-	-	2.385	-	-	2.455	-	-	2.123
September 2020	W	-	1.231	W	-	1.500	W	-	1.602	W	-	1.280
South Carolina												
September 2021	-	-	2.154	-	W	2.476	-	-	2.561	-	W	2.197
August 2021	-	-	2.082	-	W	2.397	-	-	2.496	-	W	2.130
September 2020	W	-	1.237	W	W	1.467	W	-	1.625	W	W	1.282
Virginia												
September 2021	-	-	2.170	-	-	2.331	-	-	2.487	-	-	2.211
August 2021	-	-	2.130	-	-	2.295	-	-	2.416	-	-	2.167
September 2020	-	-	1.241	-	-	1.379	-	-	1.535	-	-	1.281
West Virginia												
September 2021	-	-	2.153	-	-	2.412	-	-	2.558	-	-	2.187
August 2021	-	-	2.113	-	-	2.416	-	-	2.563	-	-	2.144
September 2020	W	-	1.233	W	-	1.489	W	-	1.664	W	-	1.263
PAD District 2												
September 2021	W	2.430	2.151	W	W	2.298	W	2.723	2.469	W	2.444	2.180
August 2021	W	2.440	2.126	W	W	2.289	W	W	2.486	W	2.443	2.160
September 2020	W	1.455	1.212	W	W	1.372	W	1.672	1.526	W	1.465	1.244
Illinois												
September 2021	-	W	2.151	-	-	2.293	-	-	2.460	-	W	2.185
August 2021	-	2.500	2.140	-	-	2.269	-	-	2.456	-	2.500	2.174
September 2020	W	1.570	1.191	W	-	1.352	W	W	1.553	W	1.544	1.231
Indiana												
September 2021	-	W	2.128	-	-	2.328	-	-	2.461	-	W	2.155
August 2021	-	W	2.092	-	-	2.312	-	-	2.442	-	W	2.121
September 2020	W	W	1.183	W	-	1.355	W	-	1.571	W	W	1.214
Iowa												
September 2021	-	-	2.150	-	-	2.246	-	-	2.394	-	-	2.173
August 2021	-	-	2.134	-	-	2.256	-	-	2.487	-	-	2.168
September 2020	-	-	1.218	-	-	1.318	-	-	1.403	-	-	1.238
Kansas												
September 2021	NA	W	2.112	W	W	2.256	-	-	2.329	W	W	2.136
August 2021	W	W	2.102	W	W	2.254	-	-	2.371	W	W	2.128
September 2020	W	W	1.208	W	W	1.323	-	-	1.389	W	W	1.227
Kentucky												
September 2021	-	W	2.159	-	-	2.303	-	W	2.531	-	W	2.184
August 2021	-	W	2.131	-	-	2.307	-	W	2.513	-	W	2.157
September 2020	W	W	1.265	W	-	1.429	W	-	1.627	W	W	1.290
Michigan												
September 2021	-	W	2.171	-	-	NA	-	W	2.608	-	W	2.203
August 2021	-	W	2.161	-	-	2.556	-	W	2.607	-	W	2.194
September 2020	W	W	1.226	W	-	1.610	W	W	1.704	W	W	1.263
Minnesota												
September 2021	W	W	2.147	W	W	2.196	W	W	2.342	W	W	2.168
August 2021	W	W	2.121	W	W	2.197	W	W	2.425	W	W	2.155
September 2020	W	W	1.208	W	W	1.311	W	W	1.388	W	W	1.230
Missouri												
September 2021	-	W	2.151	-	-	2.245	-	W	2.417	-	W	2.176
August 2021	-	W	2.132	-	-	2.270	-	-	2.452	-	W	2.163
September 2020	-	W	1.222	-	-	1.309	-	-	1.464	-	W	1.246

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades						
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale				
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]					
PAD District 2 (cont.)																
Nebraska																
September 2021	W	W	2.157	W	W	2.233	-	-	2.426	W	W	2.180				
August 2021	W	W	2.154	W	W	2.275	-	-	2.517	W	W	2.189				
September 2020	W	W	1.226	W	W	1.357	-	-	1.435	W	W	1.249				
North Dakota																
September 2021	W	W	2.249	W	W	2.295	W	W	2.599	W	W	2.284				
August 2021	W	W	2.262	W	W	2.317	W	W	2.738	W	W	2.323				
September 2020	W	W	1.253	W	W	1.328	W	W	1.555	W	W	1.291				
Ohio																
September 2021	W	W	2.137	W	-	2.321	W	W	2.542	W	W	2.166				
August 2021	W	W	2.093	W	-	2.280	W	W	2.508	W	W	2.123				
September 2020	W	W	1.201	W	-	1.453	W	W	1.622	W	W	1.235				
Oklahoma																
September 2021	W	W	2.150	W	-	2.359	W	-	2.328	W	W	2.180				
August 2021	W	W	2.163	W	-	2.447	W	-	2.403	W	W	2.197				
September 2020	W	W	1.204	W	-	1.399	W	-	1.343	W	W	1.230				
South Dakota																
September 2021	W	W	2.255	W	W	2.368	W	W	2.606	W	W	2.287				
August 2021	W	W	2.287	W	W	2.410	W	W	2.762	W	W	2.342				
September 2020	W	W	1.276	W	W	1.396	W	W	1.510	W	W	1.303				
Tennessee																
September 2021	-	W	2.145	-	-	2.375	-	W	2.499	-	W	2.180				
August 2021	-	W	2.085	-	-	2.311	-	W	2.432	-	W	2.120				
September 2020	W	W	1.226	W	-	1.428	W	W	1.563	W	W	1.261				
Wisconsin																
September 2021	-	W	2.160	-	W	2.288	-	W	2.575	-	W	2.201				
August 2021	-	W	2.138	-	W	2.282	-	W	2.595	-	W	2.185				
September 2020	W	W	1.196	W	W	1.310	W	W	1.631	W	W	1.239				
PAD District 3																
September 2021	W	2.387	2.180	W	-	2.428	W	W	2.456	W	2.402	2.212				
August 2021	W	2.176	2.135	W	-	2.384	W	W	2.424	W	2.334	2.167				
September 2020	W	1.392	1.236	W	W	1.386	2.153	1.988	1.476	1.637	1.518	1.264				
Alabama																
September 2021	-	W	2.162	-	-	2.399	-	W	2.616	-	W	2.203				
August 2021	-	W	2.091	-	-	2.379	-	W	2.534	-	W	2.134				
September 2020	W	W	1.223	W	-	1.389	W	W	1.655	W	W	1.265				
Arkansas																
September 2021	-	W	2.155	-	-	2.382	-	-	2.450	-	W	2.182				
August 2021	-	-	2.119	-	-	2.364	-	-	2.454	-	-	2.150				
September 2020	-	-	1.224	-	-	1.403	-	-	1.519	-	-	1.253				
Louisiana																
September 2021	-	W	2.184	-	-	2.427	-	-	2.447	-	W	2.207				
August 2021	-	W	2.124	-	-	2.366	-	-	2.413	-	W	2.155				
September 2020	-	W	1.215	-	-	1.382	-	-	1.466	-	W	1.239				
Mississippi																
September 2021	-	-	2.185	-	-	2.425	-	-	2.570	-	-	2.233				
August 2021	-	-	2.135	-	-	2.342	-	-	2.479	-	-	2.164				
September 2020	-	-	1.236	-	-	1.389	-	-	1.612	-	-	1.265				
New Mexico																
September 2021	W	W	2.404	W	-	2.515	W	-	2.723	W	W	2.449				
August 2021	W	W	2.332	W	-	2.462	W	-	2.653	W	W	2.377				
September 2020	1.606	W	1.361	1.881	-	1.420	2.152	W	1.677	1.689	W	1.407				
Texas																
September 2021	W	W	2.173	W	-	2.426	W	-	2.413	W	W	2.202				
August 2021	W	W	2.135	W	-	2.385	W	-	2.391	W	W	2.165				
September 2020	W	W	1.239	W	W	1.381	W	W	1.436	W	W	1.264				

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
September 2021	W	2.855	2.557	W	W	2.824	W	W	2.906	W	2.930	2.624
August 2021	W	2.880	2.756	W	W	3.113	W	W	3.133	W	2.992	2.831
September 2020	1.810	1.702	1.438	2.086	W	1.698	2.374	W	1.801	W	1.766	1.514
Colorado												
September 2021	W	W	2.375	W	W	2.590	W	-	2.720	W	W	2.442
August 2021	W	W	2.662	W	W	3.060	W	W	3.046	W	W	2.740
September 2020	1.812	1.746	1.408	2.094	W	1.652	2.408	W	1.781	1.961	1.745	1.482
Idaho												
September 2021	W	W	2.817	-	-	NA	W	W	3.109	W	W	2.859
August 2021	W	W	2.994	NA	-	NA	W	W	3.321	W	W	3.046
September 2020	W	W	1.508	W	W	1.832	W	W	1.843	W	W	1.570
Montana												
September 2021	W	W	2.518	W	W	2.676	W	W	2.981	W	W	2.593
August 2021	W	W	2.518	NA	W	2.673	NA	NA	3.001	W	W	2.602
September 2020	W	W	1.432	W	W	1.563	W	W	1.888	W	W	1.513
Utah												
September 2021	-	W	2.726	-	-	3.040	-	-	3.049	-	W	2.801
August 2021	-	W	2.913	-	-	3.232	-	-	3.240	-	W	2.990
September 2020	W	W	1.460	W	W	1.745	W	-	1.780	W	W	1.544
Wyoming												
September 2021	W	W	2.573	W	-	2.652	W	-	3.018	W	W	2.644
August 2021	W	W	2.750	W	-	2.922	W	-	3.137	W	W	2.818
September 2020	W	W	1.401	W	-	1.549	W	-	1.799	W	W	1.474
PAD District 5												
September 2021	3.525	2.663	2.634	3.765	NA	2.883	3.938	3.436	2.972	3.645	NA	2.705
August 2021	3.518	2.820	2.704	3.759	W	2.953	3.945	3.443	3.046	3.637	2.834	2.775
September 2020	2.310	1.662	1.641	2.559	NA	1.853	2.730	2.000	1.930	2.417	NA	1.705
Alaska												
September 2021	W	W	W	W	-	W	W	W	2.830	W	W	W
August 2021	W	W	W	W	-	W	W	W	3.070	W	W	W
September 2020	W	W	W	W	-	W	W	W	1.798	W	W	W
Arizona												
September 2021	-	W	2.322	-	-	2.432	-	-	2.618	-	W	2.361
August 2021	-	W	2.261	-	-	2.424	-	-	2.590	-	W	2.304
September 2020	W	W	1.453	W	W	1.746	W	W	1.689	W	W	1.487
California												
September 2021	W	W	2.802	W	W	2.964	W	-	3.076	W	W	2.868
August 2021	W	W	2.838	W	-	3.002	W	-	3.119	W	W	2.905
September 2020	2.429	W	1.773	2.630	-	1.926	2.783	-	2.017	2.528	W	1.834
Hawaii												
September 2021	W	W	W	W	W	W	W	W	W	W	W	W
August 2021	W	W	W	W	W	W	W	W	W	W	W	W
September 2020	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
September 2021	-	W	2.646	-	-	NA	-	-	2.918	-	W	2.710
August 2021	-	W	2.777	-	-	3.219	-	-	3.094	-	W	2.850
September 2020	W	W	1.510	W	-	1.727	W	-	1.748	W	W	1.568
Oregon												
September 2021	W	-	2.353	W	-	2.571	W	-	2.673	W	-	2.394
August 2021	W	-	2.580	W	-	2.812	W	-	2.898	W	-	2.623
September 2020	2.116	-	1.426	2.353	-	1.650	2.500	-	1.746	2.182	-	1.471
Washington												
September 2021	NA	W	2.395	NA	W	2.668	NA	W	2.745	NA	W	2.457
August 2021	NA	W	2.581	NA	W	2.877	NA	W	2.945	NA	W	2.648
September 2020	1.958	W	1.483	2.190	W	1.754	2.388	W	1.798	2.031	W	1.544

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
September 2021	W	3.248	2.032	2.007	2.817	2.109
August 2021	W	3.299	1.965	1.922	W	1.899
September 2020	2.613	2.246	1.110	1.076	W	1.215
PAD District 1						
September 2021	W	3.318	2.054	2.032	W	2.172
August 2021	W	3.350	1.936	1.902	W	2.081
September 2020	W	2.293	1.133	1.075	W	1.220
Subdistrict 1A						
September 2021	W	W	2.061	2.089	-	W
August 2021	W	W	1.987	1.962	-	-
September 2020	W	W	1.231	1.104	W	W
Connecticut						
September 2021	-	-	W	W	-	W
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	-	W
Maine						
September 2021	-	W	W	W	-	-
August 2021	W	W	W	W	-	-
September 2020	W	W	W	W	-	-
Massachusetts						
September 2021	W	-	W	2.087	-	-
August 2021	W	-	W	1.956	-	-
September 2020	-	-	W	W	W	-
New Hampshire						
September 2021	-	-	W	-	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	-	W	-
Rhode Island						
September 2021	-	-	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	W	-
Vermont						
September 2021	-	-	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	-	-
Subdistrict 1B						
September 2021	W	3.369	2.044	2.025	W	2.106
August 2021	W	3.432	1.948	1.901	W	W
September 2020	W	W	1.132	1.062	2.899	1.185
Delaware						
September 2021	-	-	-	-	-	W
August 2021	-	-	-	-	-	W
September 2020	-	-	-	-	W	W
District of Columbia						
September 2021	-	-	-	W	-	-
August 2021	-	-	-	-	-	-
September 2020	-	-	-	-	-	-
Maryland						
September 2021	-	-	W	2.010	-	W
August 2021	-	-	W	1.908	-	W
September 2020	-	-	W	1.124	-	W
New Jersey						
September 2021	-	W	2.032	2.020	-	W
August 2021	-	W	1.933	1.904	-	-
September 2020	-	-	1.134	1.058	W	1.210
New York						
September 2021	W	W	2.059	2.063	W	W
August 2021	W	W	1.959	1.980	-	W
September 2020	W	W	1.142	1.195	W	1.367
Pennsylvania						
September 2021	-	W	2.006	2.031	W	W
August 2021	W	W	1.943	1.885	W	W
September 2020	-	W	1.092	1.095	2.590	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
September 2021	W	3.280	2.061	2.029	-	2.581
August 2021	W	3.299	1.916	1.887	-	2.456
September 2020	-	W	1.124	1.112	W	1.634
Florida						
September 2021	W	W	W	2.028	-	-
August 2021	W	W	W	1.881	-	-
September 2020	-	W	1.123	1.115	W	-
Georgia						
September 2021	W	W	W	2.017	-	W
August 2021	-	W	W	1.915	-	W
September 2020	-	W	W	1.131	-	W
North Carolina						
September 2021	-	W	W	2.068	-	2.573
August 2021	-	W	W	1.944	-	2.458
September 2020	-	-	1.119	1.075	W	1.648
South Carolina						
September 2021	-	-	W	2.026	-	W
August 2021	-	-	W	1.902	-	-
September 2020	-	-	W	1.130	W	-
Virginia						
September 2021	-	W	1.969	2.012	-	W
August 2021	-	W	1.916	1.909	-	-
September 2020	-	W	1.121	1.146	-	W
West Virginia						
September 2021	-	-	-	W	-	-
August 2021	-	-	-	W	-	-
September 2020	-	-	-	W	W	-
PAD District 2						
September 2021	W	3.239	2.037	2.037	W	2.951
August 2021	W	3.276	1.952	1.908	W	2.701
September 2020	W	W	1.126	1.093	W	1.773
Illinois						
September 2021	W	W	2.045	W	-	W
August 2021	-	W	2.014	W	-	W
September 2020	-	W	1.143	W	W	W
Indiana						
September 2021	-	-	2.027	2.033	-	W
August 2021	-	-	1.969	1.932	-	W
September 2020	-	-	1.155	1.099	W	1.906
Iowa						
September 2021	-	-	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	1.226	W	-	-
Kansas						
September 2021	W	W	W	W	-	W
August 2021	W	W	W	W	-	W
September 2020	W	W	W	W	-	W
Kentucky						
September 2021	W	W	W	2.013	-	W
August 2021	W	W	W	1.891	-	W
September 2020	W	W	W	1.104	W	W
Michigan						
September 2021	-	-	W	1.979	-	W
August 2021	-	-	1.892	1.891	-	W
September 2020	W	-	W	1.067	W	W
Minnesota						
September 2021	W	W	W	2.049	W	W
August 2021	W	W	W	1.892	W	W
September 2020	W	W	W	1.087	W	W
Missouri						
September 2021	W	-	W	W	-	-
August 2021	W	W	W	W	-	-
September 2020	W	-	W	W	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
September 2021	W	-	W	W	-	-
August 2021	W	-	W	W	-	-
September 2020	W	-	W	W	-	-
North Dakota						
September 2021	-	-	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	-	-
Ohio						
September 2021	W	W	2.048	2.007	-	W
August 2021	W	W	1.937	1.907	-	W
September 2020	-	-	1.138	1.067	W	W
Oklahoma						
September 2021	W	W	W	2.034	-	W
August 2021	W	-	W	1.941	-	W
September 2020	W	-	W	1.082	-	W
South Dakota						
September 2021	-	-	W	-	-	-
August 2021	W	-	W	-	-	-
September 2020	-	-	W	-	-	-
Tennessee						
September 2021	W	W	W	2.032	-	W
August 2021	W	W	W	1.917	-	W
September 2020	-	W	W	1.122	W	W
Wisconsin						
September 2021	-	-	2.057	W	-	-
August 2021	-	-	2.034	W	-	W
September 2020	-	-	W	W	W	W
PAD District 3						
September 2021	W	3.060	2.006	1.940	-	2.037
August 2021	W	3.103	1.877	1.861	-	1.850
September 2020	W	2.046	1.103	1.057	-	W
Alabama						
September 2021	-	W	2.026	2.026	-	W
August 2021	-	W	1.878	1.909	-	W
September 2020	-	W	1.098	1.126	-	W
Arkansas						
September 2021	W	-	W	2.139	-	-
August 2021	W	-	W	1.981	-	-
September 2020	-	-	W	1.150	-	-
Louisiana						
September 2021	W	W	1.948	1.899	-	W
August 2021	W	W	1.851	1.847	-	W
September 2020	-	-	1.102	1.068	-	W
Mississippi						
September 2021	-	W	1.970	1.897	-	W
August 2021	-	W	1.833	1.855	-	W
September 2020	-	W	1.047	1.057	-	W
New Mexico						
September 2021	W	-	W	W	-	-
August 2021	W	-	W	W	-	-
September 2020	W	-	W	W	-	-
Texas						
September 2021	W	3.077	2.029	1.958	-	W
August 2021	W	3.115	1.894	1.865	-	W
September 2020	-	2.061	1.112	1.051	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
September 2021	W	W	2.177	2.136	-	-
August 2021	W	W	2.130	2.080	-	-
September 2020	W	W	1.251	1.208	-	-
Colorado						
September 2021	W	-	2.097	2.108	-	-
August 2021	W	-	2.033	2.027	-	-
September 2020	W	-	W	1.179	-	-
Idaho						
September 2021	-	-	W	2.280	-	-
August 2021	-	-	W	2.285	-	-
September 2020	-	-	W	1.333	-	-
Montana						
September 2021	W	W	W	W	-	-
August 2021	-	W	W	W	-	-
September 2020	-	W	W	W	-	-
Utah						
September 2021	-	W	2.214	2.219	-	-
August 2021	-	W	2.204	2.224	-	-
September 2020	-	W	1.256	1.261	-	-
Wyoming						
September 2021	W	-	2.188	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	-	-
PAD District 5						
September 2021	W	3.439	2.030	2.026	W	W
August 2021	W	3.539	2.037	1.996	NA	W
September 2020	W	W	1.084	1.073	W	W
Alaska						
September 2021	-	W	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	W	W	W	W	-	-
Arizona						
September 2021	W	W	2.067	2.090	-	-
August 2021	W	W	2.083	2.101	-	-
September 2020	W	W	W	1.131	-	-
California						
September 2021	W	3.429	2.024	2.012	-	W
August 2021	W	3.532	2.029	1.984	-	W
September 2020	W	W	1.077	1.056	W	W
Hawaii						
September 2021	-	-	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	-	-
Nevada						
September 2021	-	-	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	-	-
Oregon						
September 2021	-	W	2.073	W	-	-
August 2021	-	W	2.093	W	-	-
September 2020	-	W	1.134	1.112	-	-
Washington						
September 2021	-	W	2.021	2.089	W	-
August 2021	-	W	2.064	2.050	NA	-
September 2020	-	W	1.065	1.112	NA	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 33. Refiner prices of distillate fuels by PAD District and state
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
September 2021	2.614	2.475	2.324	2.235	-	W
August 2021	2.596	2.446	2.267	2.142	-	W
September 2020	1.759	1.445	1.386	1.191	-	W
PAD District 1						
September 2021	-	W	2.209	2.198	-	-
August 2021	-	W	2.107	2.073	-	-
September 2020	-	W	1.486	1.153	-	-
Subdistrict 1A						
September 2021	-	-	W	2.201	-	-
August 2021	-	-	W	2.084	-	-
September 2020	-	-	W	1.150	-	-
Connecticut						
September 2021	-	-	W	2.186	-	-
August 2021	-	-	W	2.074	-	-
September 2020	-	-	W	1.145	-	-
Maine						
September 2021	-	-	-	2.230	-	-
August 2021	-	-	-	2.113	-	-
September 2020	-	-	-	1.143	-	-
Massachusetts						
September 2021	-	-	-	2.215	-	-
August 2021	-	-	-	2.096	-	-
September 2020	-	-	W	1.162	-	-
New Hampshire						
September 2021	-	-	-	W	-	-
August 2021	-	-	-	W	-	-
September 2020	-	-	W	W	-	-
Rhode Island						
September 2021	-	-	-	2.218	-	-
August 2021	-	-	-	2.077	-	-
September 2020	-	-	W	1.155	-	-
Vermont						
September 2021	-	-	-	W	-	-
August 2021	-	-	-	W	-	-
September 2020	-	-	-	W	-	-
Subdistrict 1B						
September 2021	-	W	W	2.180	-	-
August 2021	-	W	W	2.070	-	-
September 2020	-	W	W	1.143	-	-
Delaware						
September 2021	-	-	W	2.229	-	-
August 2021	-	-	W	2.144	-	-
September 2020	-	-	W	1.145	-	-
District of Columbia						
September 2021	-	-	-	W	-	-
August 2021	-	-	-	W	-	-
September 2020	-	-	-	W	-	-
Maryland						
September 2021	-	-	-	2.192	-	-
August 2021	-	-	-	2.075	-	-
September 2020	-	-	W	1.155	-	-
New Jersey						
September 2021	-	-	W	2.140	-	-
August 2021	-	-	W	2.041	-	-
September 2020	-	-	1.502	1.132	-	-
New York						
September 2021	-	W	2.614	2.232	-	-
August 2021	-	-	2.574	2.116	-	-
September 2020	-	W	2.063	1.214	-	-
Pennsylvania						
September 2021	-	W	2.302	2.217	-	-
August 2021	-	W	2.231	2.093	-	-
September 2020	-	W	1.360	1.138	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
September 2021	-	-	NA	2.216	-	-
August 2021	-	W	2.004	2.074	-	-
September 2020	-	W	1.392	1.164	-	-
Florida						
September 2021	-	-	2.216	2.240	-	-
August 2021	-	-	2.083	2.098	-	-
September 2020	-	-	1.390	1.188	-	-
Georgia						
September 2021	-	-	2.204	2.193	-	-
August 2021	-	W	2.068	2.059	-	-
September 2020	-	W	1.234	1.145	-	-
North Carolina						
September 2021	-	-	2.193	2.186	-	-
August 2021	-	-	2.060	2.039	-	-
September 2020	-	-	1.529	1.149	-	-
South Carolina						
September 2021	-	-	W	2.207	-	-
August 2021	-	-	W	2.056	-	-
September 2020	-	-	W	1.157	-	-
Virginia						
September 2021	-	-	2.208	2.214	-	-
August 2021	-	-	2.078	2.080	-	-
September 2020	-	-	W	1.157	-	-
PAD District 2						
September 2021	W	2.600	2.253	2.250	-	-
August 2021	W	2.465	2.138	2.115	-	-
September 2020	1.661	1.469	1.309	1.193	-	-
Illinois						
September 2021	W	W	2.274	2.242	-	-
August 2021	W	W	2.130	2.097	-	-
September 2020	W	1.609	1.348	1.151	-	-
Indiana						
September 2021	-	W	W	2.220	-	-
August 2021	-	W	W	2.094	-	-
September 2020	-	W	1.381	1.204	-	-
Iowa						
September 2021	-	2.402	2.307	2.277	-	-
August 2021	-	2.288	2.184	2.142	-	-
September 2020	-	1.403	W	1.246	-	-
Kansas						
September 2021	-	2.403	W	2.253	-	-
August 2021	-	2.243	2.068	2.113	-	-
September 2020	W	1.304	1.135	1.182	-	-
Kentucky						
September 2021	W	W	W	2.267	-	-
August 2021	-	W	W	2.134	-	-
September 2020	W	W	1.311	1.205	-	-
Michigan						
September 2021	W	W	W	2.257	-	-
August 2021	W	W	W	2.124	-	-
September 2020	W	1.927	1.535	1.195	-	-
Minnesota						
September 2021	W	2.687	2.347	2.318	-	-
August 2021	W	2.515	2.250	2.182	-	-
September 2020	W	1.433	1.437	1.250	-	-
Missouri						
September 2021	W	W	2.302	2.265	-	-
August 2021	-	W	2.117	2.133	-	-
September 2020	W	W	1.293	1.190	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
September 2021	-	W	2.247	2.281	-	-
August 2021	-	2.323	2.156	2.148	-	-
September 2020	-	1.505	1.208	1.243	-	-
North Dakota						
September 2021	W	2.687	2.274	2.280	-	-
August 2021	W	2.484	2.163	2.149	-	-
September 2020	W	1.508	1.305	1.307	-	-
Ohio						
September 2021	-	W	W	2.254	-	-
August 2021	-	W	W	2.119	-	-
September 2020	-	W	1.352	1.182	-	-
Oklahoma						
September 2021	-	W	2.268	2.214	-	-
August 2021	-	W	2.171	2.090	-	-
September 2020	-	W	1.233	1.154	-	-
South Dakota						
September 2021	W	W	W	2.300	-	-
August 2021	W	2.446	W	2.182	-	-
September 2020	W	1.550	W	1.292	-	-
Tennessee						
September 2021	-	W	2.212	2.206	-	-
August 2021	-	W	2.080	2.072	-	-
September 2020	-	-	1.198	1.153	-	-
Wisconsin						
September 2021	W	W	2.280	2.250	-	-
August 2021	W	W	2.189	2.107	-	-
September 2020	W	W	1.517	1.228	-	-
PAD District 3						
September 2021	-	W	2.246	2.146	-	W
August 2021	-	W	2.117	2.049	-	W
September 2020	-	W	1.221	1.141	-	W
Alabama						
September 2021	-	-	2.242	2.169	-	-
August 2021	-	-	2.078	2.033	-	-
September 2020	-	-	1.162	1.131	-	-
Arkansas						
September 2021	-	-	W	2.231	-	-
August 2021	-	-	W	2.095	-	-
September 2020	-	-	W	1.175	-	-
Louisiana						
September 2021	-	W	W	2.102	-	-
August 2021	-	W	W	2.020	-	-
September 2020	-	W	W	1.132	-	-
Mississippi						
September 2021	-	-	2.178	2.185	-	-
August 2021	-	-	W	2.064	-	-
September 2020	-	-	1.261	1.130	-	-
New Mexico						
September 2021	-	-	2.381	2.313	-	-
August 2021	-	-	2.281	2.197	-	-
September 2020	-	-	1.660	1.249	-	-
Texas						
September 2021	-	W	2.234	2.142	-	W
August 2021	-	-	2.107	2.049	-	W
September 2020	-	-	1.190	1.140	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
September 2021	W	2.861	2.513	2.469	-	-
August 2021	W	2.775	2.613	2.584	-	-
September 2020	W	1.644	1.353	1.297	-	-
Colorado						
September 2021	-	2.796	NA	2.458	-	-
August 2021	W	W	2.464	2.410	-	-
September 2020	-	1.523	1.307	1.193	-	-
Idaho						
September 2021	W	W	W	2.441	-	-
August 2021	W	W	W	2.662	-	-
September 2020	W	1.817	1.771	1.325	-	-
Montana						
September 2021	W	2.850	W	2.512	-	-
August 2021	W	2.783	2.481	2.430	-	-
September 2020	W	1.665	1.310	1.378	-	-
Utah						
September 2021	W	W	2.620	2.416	-	-
August 2021	-	W	2.922	2.844	-	-
September 2020	-	1.856	1.427	1.358	-	-
Wyoming						
September 2021	-	2.914	2.398	2.580	-	-
August 2021	-	2.858	NA	2.617	-	-
September 2020	-	1.656	1.231	1.282	-	-
PAD District 5						
September 2021	W	2.409	2.456	2.409	-	-
August 2021	W	2.356	2.453	2.394	-	-
September 2020	W	1.379	1.591	1.338	-	-
Alaska						
September 2021	W	W	W	W	-	-
August 2021	W	W	W	W	-	-
September 2020	W	W	W	W	-	-
Arizona						
September 2021	-	-	2.354	2.313	-	-
August 2021	-	-	2.242	2.197	-	-
September 2020	-	-	1.359	1.237	-	-
California						
September 2021	-	-	2.573	2.489	-	-
August 2021	-	-	2.532	2.444	-	-
September 2020	-	-	1.745	1.413	-	-
Hawaii						
September 2021	-	-	W	W	-	-
August 2021	-	-	W	W	-	-
September 2020	-	-	W	W	-	-
Nevada						
September 2021	-	-	W	2.464	-	-
August 2021	-	-	W	2.500	-	-
September 2020	-	-	W	1.303	-	-
Oregon						
September 2021	-	W	2.410	2.322	-	-
August 2021	-	W	2.499	2.391	-	-
September 2020	-	W	1.315	1.185	-	-
Washington						
September 2021	W	W	2.448	2.270	-	-
August 2021	-	W	2.443	2.293	-	-
September 2020	W	W	1.326	1.160	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular						Midgrade					
	Sales to end users			Sales for resale			Sales to end users			Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk		
United States												
September 2021	3,239.7	3,355.4	15,955.5	241,352.3	7,097.8	474.0	485.5	141.8	1,351.7	-	-	-
August 2021	3,314.7	3,439.2	16,135.3	244,740.0	5,967.6	484.6	495.7	147.8	1,537.4	-	-	-
September 2020	16,484.0	16,627.0	13,751.4	214,265.1	6,024.9	1,454.6	1,467.1	117.0	1,417.9	-	-	-
PAD District 1												
September 2021	W	W	W	68,691.3	W	W	W	NA	461.3	-	-	-
August 2021	W	W	W	70,620.4	W	W	W	NA	552.8	-	-	-
September 2020	5,150.5	5,158.1	W	60,835.4	W	506.9	511.0	-	525.1	-	-	-
Subdistrict 1A												
September 2021	-	W	W	W	-	-	-	-	35.5	-	-	-
August 2021	-	W	W	W	-	-	-	-	53.4	-	-	-
September 2020	W	W	W	W	-	W	W	-	29.3	-	-	-
Connecticut												
September 2021	-	W	-	1,934.6	-	-	-	-	2.4	-	-	-
August 2021	-	W	-	1,956.8	-	-	-	-	3.5	-	-	-
September 2020	-	W	-	1,765.4	-	-	-	-	6.3	-	-	-
Maine												
September 2021	-	-	-	616.3	-	-	-	-	W	-	-	-
August 2021	-	-	-	667.8	-	-	-	-	W	-	-	-
September 2020	-	-	-	W	-	-	-	-	W	-	-	-
Massachusetts												
September 2021	-	-	-	1,662.5	-	-	-	-	10.2	-	-	-
August 2021	-	-	-	1,695.5	-	-	-	-	13.3	-	-	-
September 2020	W	W	-	1,026.6	-	W	W	-	4.2	-	-	-
New Hampshire												
September 2021	-	-	W	W	-	-	-	-	-	-	-	-
August 2021	-	-	W	W	-	-	-	-	-	-	-	-
September 2020	W	W	W	W	-	W	W	-	-	-	-	-
Rhode Island												
September 2021	-	-	-	843.7	-	-	-	-	W	-	-	-
August 2021	-	-	-	834.3	-	-	-	-	W	-	-	-
September 2020	W	W	-	677.9	-	W	W	-	W	-	-	-
Vermont												
September 2021	-	-	W	W	-	-	-	-	-	-	-	-
August 2021	-	-	W	W	-	-	-	-	-	-	-	-
September 2020	-	-	W	W	-	-	-	-	W	-	-	-
Subdistrict 1B												
September 2021	W	W	W	W	W	W	W	W	W	W	W	-
August 2021	W	W	W	W	W	W	W	W	W	W	W	-
September 2020	2,861.0	2,861.0	W	19,463.2	W	315.7	315.7	-	117.6	-	-	-
Delaware												
September 2021	-	-	-	987.8	-	-	-	-	8.5	-	-	-
August 2021	-	-	-	1,084.9	-	-	-	-	11.8	-	-	-
September 2020	W	W	-	871.8	-	W	W	-	7.5	-	-	-
District of Columbia												
September 2021	-	-	-	-	-	-	-	-	-	-	-	-
August 2021	-	-	-	-	-	-	-	-	-	-	-	-
September 2020	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
September 2021	-	-	-	3,419.5	-	-	-	-	47.5	-	-	-
August 2021	-	-	-	3,357.1	-	-	-	-	44.4	-	-	-
September 2020	-	-	-	3,251.0	-	-	-	-	49.6	-	-	-
New Jersey												
September 2021	NA	NA	NA	NA	W	W	NA	NA	-	31.3	-	-
August 2021	NA	NA	NA	NA	W	W	NA	NA	-	37.9	-	-
September 2020	W	W	W	W	6,104.5	W	W	W	-	25.8	-	-
New York												
September 2021	W	W	W	W	5,986.8	W	W	W	W	W	W	-
August 2021	W	W	W	W	W	-	W	W	W	W	W	-
September 2020	1,867.6	1,867.6	W	W	-	208.0	208.0	-	18.8	-	-	-
Pennsylvania												
September 2021	W	W	-	W	W	W	W	-	17.5	-	-	-
August 2021	W	W	-	W	W	W	W	-	19.8	-	-	-
September 2020	W	W	-	W	W	W	W	-	15.9	-	-	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
September 2021	860.4	867.3	4,869.4	33,452.8	1,341.2	4,574.1	4,708.2	20,966.7	276,156.8	8,439.0
August 2021	859.4	867.1	4,882.4	34,262.5	1,011.8	4,658.6	4,802.0	21,165.5	280,539.8	6,979.4
September 2020	2,364.1	2,373.7	4,376.9	31,793.8	1,538.3	20,302.7	20,467.9	18,245.4	247,476.8	7,563.2
PAD District 1										
September 2021	W	W	W	10,263.4	W	W	W	W	79,416.1	W
August 2021	W	W	W	10,654.7	W	W	W	W	81,827.9	W
September 2020	829.1	829.1	W	W	W	6,486.4	6,498.2	W	W	2,009.6
Subdistrict 1A										
September 2021	-	-	W	W	-	-	W	W	W	-
August 2021	-	-	W	W	-	-	W	W	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Connecticut										
September 2021	-	-	-	405.8	-	-	W	-	2,342.8	-
August 2021	-	-	-	418.5	-	-	W	-	2,378.9	-
September 2020	-	-	-	382.2	-	-	W	-	2,153.8	-
Maine										
September 2021	-	-	-	W	-	-	-	-	688.1	-
August 2021	-	-	-	W	-	-	-	-	763.4	-
September 2020	-	-	-	W	-	-	-	-	674.6	-
Massachusetts										
September 2021	-	-	-	292.5	-	-	-	-	1,965.2	-
August 2021	-	-	-	297.7	-	-	-	-	2,006.5	-
September 2020	W	W	-	186.8	-	W	W	-	1,217.6	-
New Hampshire										
September 2021	-	-	W	W	-	-	-	W	W	-
August 2021	-	-	W	W	-	-	-	W	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Rhode Island										
September 2021	-	-	-	W	-	-	-	-	1,010.5	-
August 2021	-	-	-	W	-	-	-	-	1,003.9	-
September 2020	W	W	-	W	-	W	W	-	825.5	-
Vermont										
September 2021	-	-	W	W	-	-	-	W	252.8	-
August 2021	-	-	W	W	-	-	-	W	271.4	-
September 2020	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
September 2021	W	W	W	3,575.1	W	W	W	W	25,973.5	W
August 2021	W	W	W	3,646.0	W	W	W	W	26,605.3	W
September 2020	564.7	564.7	W	3,585.3	W	3,741.5	3,741.5	W	23,166.2	W
Delaware										
September 2021	-	-	-	129.3	-	-	-	-	1,125.6	-
August 2021	-	-	-	135.7	-	-	-	-	1,232.3	-
September 2020	W	W	-	117.9	-	W	W	-	997.2	-
District of Columbia										
September 2021	-	-	-	-	-	-	-	-	-	-
August 2021	-	-	-	-	-	-	-	-	-	-
September 2020	-	-	-	-	-	-	-	-	-	-
Maryland										
September 2021	-	-	-	567.8	-	-	-	-	4,034.8	-
August 2021	-	-	-	556.8	-	-	-	-	3,958.2	-
September 2020	-	-	-	564.0	-	-	-	-	3,864.6	-
New Jersey										
September 2021	NA	NA	NA	NA	W	W	NA	NA	NA	W
August 2021	NA	NA	NA	NA	W	W	NA	NA	NA	W
September 2020	W	W	W	W	1,071.7	W	W	W	7,201.9	W
New York										
September 2021	W	W	W	W	W	W	W	W	7,157.1	W
August 2021	W	W	W	W	W	W	W	W	7,413.9	W
September 2020	378.1	378.1	W	W	W	2,453.7	2,453.7	W	W	W
Pennsylvania										
September 2021	W	W	-	W	W	W	W	-	W	W
August 2021	W	W	-	W	W	W	W	-	W	W
September 2020	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
September 2021	-	W	-	41,097.6	-	-	W	-	W	-
August 2021	-	W	-	42,374.8	-	-	W	-	W	-
September 2020	W	W	-	W	W	W	W	-	378.2	-
Florida										
September 2021	-	W	-	14,104.0	-	-	-	-	108.2	-
August 2021	-	W	-	14,155.2	-	-	-	-	136.2	-
September 2020	W	W	-	11,715.7	-	W	W	-	129.2	-
Georgia										
September 2021	-	W	-	7,326.8	-	-	-	-	26.2	-
August 2021	-	W	-	7,637.9	-	-	-	-	32.3	-
September 2020	W	W	-	7,361.3	-	W	W	-	37.1	-
North Carolina										
September 2021	-	-	-	9,089.3	-	-	-	-	75.3	-
August 2021	-	-	-	9,550.8	-	-	-	-	90.7	-
September 2020	W	W	-	7,942.6	-	W	W	-	107.4	-
South Carolina										
September 2021	-	-	-	3,867.4	-	-	W	-	20.0	-
August 2021	-	-	-	4,042.3	-	-	W	-	24.4	-
September 2020	W	W	-	3,822.4	-	W	W	-	37.7	-
Virginia										
September 2021	-	-	-	6,028.5	-	-	-	-	55.6	-
August 2021	-	-	-	6,265.2	-	-	-	-	56.6	-
September 2020	-	-	-	W	W	-	-	-	60.5	-
West Virginia										
September 2021	-	-	-	681.5	-	-	-	-	W	-
August 2021	-	-	-	723.5	-	-	-	-	W	-
September 2020	W	W	-	720.8	-	W	W	-	6.4	-
PAD District 2										
September 2021	W	110.1	W	85,156.3	W	W	W	W	W	W
August 2021	W	123.1	W	86,281.9	W	W	W	W	W	W
September 2020	W	W	W	W	377.0	W	W	W	W	W
Illinois										
September 2021	-	W	-	10,786.4	-	-	-	-	43.2	-
August 2021	-	1.1	-	11,106.9	-	-	-	-	43.3	-
September 2020	W	W	-	W	W	W	W	-	46.5	-
Indiana										
September 2021	-	W	-	7,043.2	-	-	-	-	38.8	-
August 2021	-	W	-	7,096.6	-	-	-	-	40.0	-
September 2020	W	W	-	5,632.5	-	W	W	-	13.9	-
Iowa										
September 2021	-	-	-	3,161.6	-	-	-	-	40.6	-
August 2021	-	-	-	3,104.0	-	-	-	-	36.1	-
September 2020	-	-	-	3,068.9	-	-	-	-	45.4	-
Kansas										
September 2021	NA	W	-	4,074.7	-	W	W	-	8.1	-
August 2021	W	W	-	4,154.6	-	W	W	-	8.5	-
September 2020	W	W	-	W	W	W	W	-	13.1	-
Kentucky										
September 2021	-	W	-	4,749.4	-	-	-	-	16.1	-
August 2021	-	W	-	4,830.8	-	-	-	-	17.6	-
September 2020	W	W	-	3,481.2	-	W	W	-	15.2	-
Michigan										
September 2021	-	W	-	11,396.7	-	-	-	-	NA	-
August 2021	-	W	-	11,826.1	-	-	-	-	34.5	-
September 2020	W	W	-	9,281.7	-	W	W	-	22.5	-
Minnesota										
September 2021	W	W	W	W	-	W	W	W	W	-
August 2021	W	W	W	W	-	W	W	W	W	-
September 2020	W	W	W	W	-	W	W	-	56.7	-
Missouri										
September 2021	-	W	-	3,271.2	-	-	-	-	21.0	-
August 2021	-	W	-	3,215.4	-	-	-	-	19.3	-
September 2020	-	W	-	3,106.7	-	-	-	-	14.5	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium				All grades				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
Subdistrict 1C									
September 2021	-	-	-	W	W	-	10.6	-	W
August 2021	-	-	-	W	W	-	11.3	-	W
September 2020	W	W	-	W	W	W	W	-	W
Florida									
September 2021	-	-	-	W	W	-	W	-	W
August 2021	-	-	-	W	W	-	W	-	W
September 2020	W	W	-	W	W	W	W	-	W
Georgia									
September 2021	-	-	-	1,026.3	-	-	W	-	8,379.3
August 2021	-	-	-	1,098.5	-	-	W	-	8,768.7
September 2020	W	W	-	1,033.4	-	W	W	-	8,431.8
North Carolina									
September 2021	-	-	-	1,215.0	-	-	-	-	10,379.7
August 2021	-	-	-	1,275.0	-	-	-	-	10,916.5
September 2020	W	W	-	1,121.8	-	W	W	-	9,171.7
South Carolina									
September 2021	-	-	-	444.7	-	-	W	-	4,332.1
August 2021	-	-	-	516.4	-	-	W	-	4,583.0
September 2020	W	W	-	471.5	-	W	W	-	4,331.6
Virginia									
September 2021	-	-	-	875.1	-	-	-	-	6,959.2
August 2021	-	-	-	900.7	-	-	-	-	7,222.5
September 2020	-	-	-	854.4	-	-	-	W	W
West Virginia									
September 2021	-	-	-	W	W	-	-	-	W
August 2021	-	-	-	W	-	-	-	-	776.8
September 2020	W	W	-	48.9	-	W	W	-	776.1
PAD District 2									
September 2021	W	W	W	W	W	W	125.7	W	93,739.8
August 2021	W	W	W	W	W	W	139.0	W	95,203.1
September 2020	W	W	W	7,495.6	W	W	W	W	80,762.8
Illinois									
September 2021	-	-	-	W	W	-	W	-	W
August 2021	-	-	-	W	W	-	1.1	-	W
September 2020	W	W	-	1,168.2	-	W	W	-	W
Indiana									
September 2021	-	-	-	W	W	-	W	-	W
August 2021	-	-	-	W	W	-	W	-	W
September 2020	W	W	-	W	W	W	W	-	W
Iowa									
September 2021	-	-	-	311.1	-	-	-	-	3,513.4
August 2021	-	-	-	327.5	-	-	-	-	3,467.5
September 2020	-	-	-	335.8	-	-	-	-	3,450.1
Kansas									
September 2021	-	-	-	W	W	W	W	-	W
August 2021	-	-	-	W	W	W	W	-	W
September 2020	-	-	-	W	W	W	W	-	4,276.2
Kentucky									
September 2021	-	W	-	342.5	-	-	W	-	5,108.0
August 2021	-	W	-	343.2	-	-	W	-	5,191.6
September 2020	W	W	-	254.3	-	W	W	-	3,750.8
Michigan									
September 2021	-	W	-	875.1	-	-	W	-	12,298.6
August 2021	-	W	-	929.1	-	-	W	-	12,789.7
September 2020	W	W	-	W	W	W	W	-	W
Minnesota									
September 2021	W	W	W	W	W	W	W	W	7,000.6
August 2021	W	W	W	W	W	W	W	W	6,601.6
September 2020	W	W	W	W	W	W	W	W	5,213.6
Missouri									
September 2021	-	W	-	327.2	-	-	W	-	3,619.4
August 2021	-	-	-	339.4	-	-	W	-	3,574.0
September 2020	-	-	-	343.6	-	-	W	-	3,464.8

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular				Midgrade				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
PAD District 2 (cont.)									
Nebraska									
September 2021	W	W	-	1,670.0	-	W	W	-	12.0
August 2021	W	W	-	1,682.6	-	W	W	-	14.2
September 2020	W	W	-	1,527.2	-	W	W	-	12.0
North Dakota									
September 2021	W	W	-	925.4	-	W	W	-	13.2
August 2021	W	W	-	831.8	-	W	W	-	15.1
September 2020	W	W	W	W	-	W	W	W	W
Ohio									
September 2021	W	W	-	12,088.7	-	W	W	-	24.3
August 2021	W	21.2	-	12,413.6	-	W	W	-	26.1
September 2020	W	W	-	9,681.1	-	W	W	-	24.1
Oklahoma									
September 2021	W	W	-	W	W	W	W	-	1.7
August 2021	W	W	-	W	W	W	W	-	1.1
September 2020	W	W	-	W	W	W	W	-	1.3
South Dakota									
September 2021	W	W	-	1,175.6	-	W	W	-	15.3
August 2021	W	W	-	1,110.2	-	W	W	-	15.7
September 2020	W	W	-	981.3	-	W	W	-	13.3
Tennessee									
September 2021	-	W	-	9,032.2	-	-	-	-	42.4
August 2021	-	W	-	9,411.3	-	-	-	-	50.7
September 2020	W	W	-	8,585.3	-	W	W	-	53.5
Wisconsin									
September 2021	-	W	-	5,593.9	-	-	W	-	36.3
August 2021	-	W	-	5,705.8	-	-	W	-	W
September 2020	W	W	-	5,059.7	-	W	W	-	33.9
PAD District 3									
September 2021	W	W	568.2	49,518.2	2,993.5	W	W	W	W
August 2021	W	W	618.5	W	W	W	W	W	W
September 2020	W	802.5	178.3	46,382.5	3,763.8	W	78.0	-	235.3
Alabama									
September 2021	-	W	-	4,615.1	-	-	-	-	18.6
August 2021	-	W	-	4,821.8	-	-	-	-	25.0
September 2020	W	W	-	4,890.2	-	W	W	-	30.9
Arkansas									
September 2021	-	W	-	3,097.2	-	-	-	-	10.2
August 2021	-	-	-	3,048.9	-	-	-	-	12.1
September 2020	-	-	-	2,923.5	-	-	-	-	12.1
Louisiana									
September 2021	-	W	-	W	W	-	-	-	8.4
August 2021	-	W	-	5,609.6	662.3	-	-	-	8.4
September 2020	-	W	-	W	W	-	-	-	10.6
Mississippi									
September 2021	-	-	W	W	W	-	-	-	24.0
August 2021	-	-	-	W	W	-	-	-	20.5
September 2020	-	-	-	2,557.1	560.4	-	-	-	22.6
New Mexico									
September 2021	W	W	W	W	-	W	W	W	W
August 2021	W	W	W	W	-	W	W	W	W
September 2020	336.6	341.3	W	W	-	45.4	45.4	-	12.2
Texas									
September 2021	W	W	W	W	1,015.8	W	W	W	W
August 2021	W	W	W	32,151.0	W	W	W	-	152.5
September 2020	W	W	W	29,379.8	W	W	W	-	146.8

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium				All grades					
	Sales to end users		Sales for resale		Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
September 2021	-	-	-	155.1	-	W	W	-	1,837.1	-
August 2021	-	-	-	172.5	-	W	W	-	1,869.2	-
September 2020	-	-	-	185.5	-	W	W	-	1,724.7	-
North Dakota										
September 2021	W	W	-	103.4	-	W	W	-	1,042.0	-
August 2021	W	W	-	121.7	-	W	W	-	968.6	-
September 2020	W	W	W	W	-	W	W	W	W	-
Ohio										
September 2021	W	W	-	939.9	-	W	W	-	13,052.9	-
August 2021	W	W	-	W	W	W	22.9	-	W	W
September 2020	W	W	-	W	W	W	W	-	W	W
Oklahoma										
September 2021	W	W	-	W	W	W	W	-	4,419.0	328.3
August 2021	W	W	-	W	W	W	W	-	4,431.0	349.5
September 2020	W	W	-	W	W	W	W	-	4,204.5	500.7
South Dakota										
September 2021	W	W	-	117.4	-	W	W	-	1,308.3	-
August 2021	W	W	-	142.3	-	W	W	-	1,268.3	-
September 2020	W	W	-	123.5	-	W	W	-	1,118.1	-
Tennessee										
September 2021	-	W	-	961.3	-	-	W	-	10,035.8	-
August 2021	-	W	-	1,027.6	-	-	W	-	10,489.6	-
September 2020	W	W	-	947.6	-	W	W	-	9,586.3	-
Wisconsin										
September 2021	-	W	-	610.3	-	-	W	-	6,240.5	-
August 2021	-	W	-	W	-	-	W	-	6,386.4	-
September 2020	W	W	-	555.0	-	W	W	-	5,648.5	-
PAD District 3										
September 2021	W	W	W	W	389.9	W	W	669.8	55,899.1	3,383.4
August 2021	W	W	W	6,097.9	W	W	W	723.6	56,141.5	2,301.5
September 2020	81.2	85.3	36.1	5,769.1	568.1	946.3	965.7	214.4	52,386.8	4,332.0
Alabama										
September 2021	-	W	-	449.8	-	-	W	-	5,083.5	-
August 2021	-	W	-	501.6	-	-	W	-	5,348.4	-
September 2020	W	W	-	512.4	-	W	W	-	5,433.5	-
Arkansas										
September 2021	-	-	-	307.0	-	-	W	-	3,414.3	-
August 2021	-	-	-	306.2	-	-	-	-	3,367.2	-
September 2020	-	-	-	320.9	-	-	-	-	3,256.4	-
Louisiana										
September 2021	-	-	-	W	W	-	W	-	W	W
August 2021	-	-	-	W	W	-	W	-	W	W
September 2020	-	-	-	W	W	-	W	-	6,169.3	1,389.9
Mississippi										
September 2021	-	-	W	W	-	-	-	W	3,686.9	W
August 2021	-	-	-	315.1	-	-	-	-	W	W
September 2020	-	-	-	253.7	-	-	-	-	2,833.4	560.4
New Mexico										
September 2021	W	W	W	W	-	W	W	W	W	-
August 2021	W	W	W	W	-	W	W	W	W	-
September 2020	41.7	42.3	W	W	-	423.8	429.0	W	W	-
Texas										
September 2021	W	W	W	4,189.5	W	W	W	W	36,120.4	W
August 2021	W	W	W	4,127.5	W	W	W	W	36,431.1	W
September 2020	W	W	W	W	W	W	W	W	W	2,381.7

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
September 2021	W	229.1	W	W	-	W	W	-	99.5	-
August 2021	W	233.6	W	W	-	W	W	-	112.4	-
September 2020	290.9	W	W	W	-	62.1	W	-	109.2	-
Colorado										
September 2021	W	W	-	4,534.2	-	W	W	-	37.1	-
August 2021	W	W	-	4,433.5	-	W	W	-	38.2	-
September 2020	142.2	146.5	W	W	-	40.0	40.3	-	23.5	-
Idaho										
September 2021	W	W	-	1,576.0	-	-	-	-	4.6	-
August 2021	W	W	-	1,470.2	-	NA	NA	-	3.3	-
September 2020	W	W	W	W	-	W	W	-	4.8	-
Montana										
September 2021	W	W	-	1,422.1	-	W	W	-	6.1	-
August 2021	W	W	-	1,566.4	-	NA	W	-	7.7	-
September 2020	W	W	-	1,332.8	-	W	W	-	6.9	-
Utah										
September 2021	-	W	W	W	-	-	-	-	43.9	-
August 2021	-	W	W	W	-	-	-	-	54.1	-
September 2020	W	W	W	W	-	W	11.4	-	63.7	-
Wyoming										
September 2021	W	5.9	W	W	-	W	W	-	7.9	-
August 2021	W	6.8	W	W	-	W	W	-	9.2	-
September 2020	W	8.6	-	729.0	-	W	W	-	10.3	-
PAD District 5										
September 2021	1,458.7	1,479.6	14,464.3	W	W	247.4	248.1	W	W	-
August 2021	1,499.1	1,518.3	14,590.1	W	W	250.7	251.3	W	W	-
September 2020	3,372.1	3,404.5	12,436.6	W	W	513.9	514.6	W	W	-
Alaska										
September 2021	W	W	W	544.2	-	W	W	-	W	-
August 2021	W	W	W	495.7	-	W	W	-	W	-
September 2020	W	W	W	401.1	-	W	W	W	W	-
Arizona										
September 2021	-	W	W	W	-	-	-	-	W	-
August 2021	-	W	W	W	-	-	-	-	W	-
September 2020	W	W	1,107.0	3,465.1	-	W	W	W	W	-
California										
September 2021	W	W	W	12,861.9	W	W	W	W	W	-
August 2021	W	W	W	12,913.6	W	W	W	W	W	-
September 2020	2,454.3	2,455.1	W	11,731.7	W	440.1	440.1	W	W	-
Hawaii										
September 2021	W	W	W	W	-	W	W	W	W	-
August 2021	W	W	W	W	-	W	W	W	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Nevada										
September 2021	-	W	W	W	-	-	-	-	W	-
August 2021	-	W	W	W	-	-	-	-	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Oregon										
September 2021	W	W	W	3,152.0	W	W	W	W	W	-
August 2021	W	W	667.4	W	W	W	W	W	W	-
September 2020	71.0	71.0	558.5	2,672.6	-	4.9	4.9	2.5	5.2	-
Washington										
September 2021	NA	NA	904.6	4,950.8	-	NA	NA	W	W	-
August 2021	NA	NA	896.6	4,909.8	-	NA	NA	W	W	-
September 2020	265.7	270.9	757.0	4,299.3	-	27.5	27.7	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
September 2021	W	W	W	W	-	W	314.2	W	W	-
August 2021	W	W	W	W	-	W	329.8	W	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Colorado										
September 2021	W	W	-	1,070.1	-	W	W	-	5,641.3	-
August 2021	W	W	-	1,085.6	-	W	W	-	5,557.2	-
September 2020	35.3	35.4	W	W	-	217.5	222.2	W	W	-
Idaho										
September 2021	W	W	-	257.5	-	W	W	-	1,838.1	-
August 2021	W	W	-	270.6	-	W	W	-	1,744.0	-
September 2020	W	W	W	W	-	W	W	W	W	-
Montana										
September 2021	W	W	-	275.0	-	W	W	-	1,703.2	-
August 2021	NA	NA	-	326.9	-	W	W	-	1,901.0	-
September 2020	W	W	-	288.9	-	W	W	-	1,628.6	-
Utah										
September 2021	-	-	W	W	-	-	W	W	W	-
August 2021	-	-	W	W	-	-	W	W	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Wyoming										
September 2021	W	W	W	W	-	W	7.3	W	W	-
August 2021	W	W	W	W	-	W	8.5	W	W	-
September 2020	W	W	-	162.7	-	W	11.2	-	902.0	-
PAD District 5										
September 2021	491.7	492.0	W	W	W	2,197.8	2,219.8	19,008.0	W	W
August 2021	481.8	482.3	W	W	W	2,231.6	2,251.9	19,148.2	W	W
September 2020	917.1	918.9	3,960.4	6,168.2	73.0	4,803.1	4,838.0	W	30,365.9	W
Alaska										
September 2021	W	W	W	W	-	W	W	W	602.5	-
August 2021	W	W	W	W	-	W	W	W	556.6	-
September 2020	W	W	W	37.8	-	W	W	107.2	W	-
Arizona										
September 2021	-	-	W	W	-	-	W	W	W	-
August 2021	-	-	W	W	-	-	W	W	W	-
September 2020	W	W	W	W	-	W	W	1,258.9	4,089.8	-
California										
September 2021	W	W	3,648.6	W	W	W	W	W	16,856.0	W
August 2021	W	W	3,647.3	W	W	W	W	W	16,943.7	W
September 2020	774.3	774.3	3,210.4	W	W	3,668.7	3,669.4	W	15,540.0	W
Hawaii										
September 2021	W	W	W	W	-	W	W	W	W	-
August 2021	W	W	W	W	-	W	W	W	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Nevada										
September 2021	-	-	W	W	-	-	W	W	W	-
August 2021	-	-	W	W	-	-	W	W	W	-
September 2020	W	W	W	W	-	W	W	W	W	-
Oregon										
September 2021	W	W	124.8	W	W	W	W	W	3,589.3	W
August 2021	W	W	129.5	455.2	-	W	W	W	3,620.8	W
September 2020	12.2	12.2	111.3	407.7	-	88.2	88.2	672.3	3,085.5	-
Washington										
September 2021	NA	NA	209.5	W	W	NA	NA	W	5,977.6	W
August 2021	NA	NA	215.8	W	W	NA	NA	W	5,964.7	W
September 2020	41.6	41.9	196.0	W	W	334.9	340.5	W	5,300.0	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets	Total		DTW	Rack
United States					
September 2021	W	W		W	199,783.1
August 2021	W	W		W	203,073.5
September 2020	12,731.7	12,875.8		W	179,455.8
PAD District 1					
September 2021	W	W		W	52,151.8
August 2021	W	W		W	54,082.5
September 2020	W	W		W	46,695.3
Subdistrict 1A					
September 2021	-	-		W	W
August 2021	-	-		W	W
September 2020	-	-		W	W
Connecticut					
September 2021	-	-		-	-
August 2021	-	-		-	-
September 2020	-	-		-	-
Maine					
September 2021	-	-		-	W
August 2021	-	-		-	W
September 2020	-	-		-	W
Massachusetts					
September 2021	-	-		-	-
August 2021	-	-		-	-
September 2020	-	-		-	-
New Hampshire					
September 2021	-	-		W	W
August 2021	-	-		W	W
September 2020	-	-		W	-
Rhode Island					
September 2021	-	-		-	-
August 2021	-	-		-	-
September 2020	-	-		-	-
Vermont					
September 2021	-	-		W	252.8
August 2021	-	-		W	271.4
September 2020	-	-		W	-
Subdistrict 1B					
September 2021	W	W		W	8,320.5
August 2021	W	W		W	8,649.1
September 2020	W	W		W	W
Delaware					
September 2021	-	-		-	-
August 2021	-	-		-	-
September 2020	-	-		-	-
District of Columbia					
September 2021	-	-		-	-
August 2021	-	-		-	-
September 2020	-	-		-	-
Maryland					
September 2021	-	-		-	W
August 2021	-	-		-	W
September 2020	-	-		-	W
New Jersey					
September 2021	-	-		-	W
August 2021	-	-		-	W
September 2020	-	-		-	W
New York					
September 2021	W	W		W	W
August 2021	W	W		W	W
September 2020	W	W		W	W
Pennsylvania					
September 2021	W	W		-	W
August 2021	W	W		-	W
September 2020	W	W		-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
					Bulk
United States					
September 2021	W	W		W	76,373.7
August 2021	W	W		W	77,466.3
September 2020	7,571.0	7,592.0		W	68,021.0
PAD District 1					
September 2021	NA	W		W	27,264.3
August 2021	NA	W		W	27,745.3
September 2020	W	W		W	W
Subdistrict 1A					
September 2021	-	W		-	5,708.4
August 2021	-	W		-	5,819.5
September 2020	W	W		-	4,559.2
Connecticut					
September 2021	-	W		-	2,342.8
August 2021	-	W		-	2,378.9
September 2020	-	W		-	2,153.8
Maine					
September 2021	-	-		-	W
August 2021	-	-		-	W
September 2020	-	-		-	W
Massachusetts					
September 2021	-	-		-	1,965.2
August 2021	-	-		-	2,006.5
September 2020	W	W		-	1,217.6
New Hampshire					
September 2021	-	-		-	W
August 2021	-	-		-	W
September 2020	W	W		-	W
Rhode Island					
September 2021	-	-		-	1,010.5
August 2021	-	-		-	W
September 2020	W	W		-	W
Vermont					
September 2021	-	-		-	-
August 2021	-	-		-	-
September 2020	-	-		-	-
Subdistrict 1B					
September 2021	NA	NA		W	17,653.0
August 2021	NA	NA		W	17,956.2
September 2020	W	W		W	W
Delaware					
September 2021	-	-		-	1,125.6
August 2021	-	-		-	1,232.3
September 2020	W	W		-	997.2
District of Columbia					
September 2021	-	-		-	-
August 2021	-	-		-	-
September 2020	-	-		-	-
Maryland					
September 2021	-	-		-	W
August 2021	-	-		-	W
September 2020	-	-		-	W
New Jersey					
September 2021	NA	NA		NA	W
August 2021	NA	NA		NA	W
September 2020	W	W		W	7,201.9
New York					
September 2021	NA	NA		W	-
August 2021	NA	NA		W	-
September 2020	W	W		W	-
Pennsylvania					
September 2021	-	-		-	W
August 2021	-	-		-	W
September 2020	W	W		-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets	Total[a]		Rack	Bulk
United States					
September 2021	4,574.1	4,708.2	20,966.7	276,156.8	8,439.0
August 2021	4,658.6	4,802.0	21,165.5	280,539.8	6,979.4
September 2020	20,302.7	20,467.9	18,245.4	247,476.8	7,563.2
PAD District 1					
September 2021	W	W	W	79,416.1	W
August 2021	W	W	W	81,827.9	W
September 2020	6,486.4	6,498.2	W	W	2,009.6
Subdistrict 1A					
September 2021	-	W	W	W	-
August 2021	-	W	W	W	-
September 2020	W	W	W	W	-
Connecticut					
September 2021	-	W	-	2,342.8	-
August 2021	-	W	-	2,378.9	-
September 2020	-	W	-	2,153.8	-
Maine					
September 2021	-	-	-	688.1	-
August 2021	-	-	-	763.4	-
September 2020	-	-	-	674.6	-
Massachusetts					
September 2021	-	-	-	1,965.2	-
August 2021	-	-	-	2,006.5	-
September 2020	W	W	-	1,217.6	-
New Hampshire					
September 2021	-	-	W	W	-
August 2021	-	-	W	W	-
September 2020	W	W	W	W	-
Rhode Island					
September 2021	-	-	-	1,010.5	-
August 2021	-	-	-	1,003.9	-
September 2020	W	W	-	825.5	-
Vermont					
September 2021	-	-	W	252.8	-
August 2021	-	-	W	271.4	-
September 2020	-	-	W	W	-
Subdistrict 1B					
September 2021	W	W	W	25,973.5	W
August 2021	W	W	W	26,605.3	W
September 2020	3,741.5	3,741.5	W	23,166.2	W
Delaware					
September 2021	-	-	-	1,125.6	-
August 2021	-	-	-	1,232.3	-
September 2020	W	W	-	997.2	-
District of Columbia					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Maryland					
September 2021	-	-	-	4,034.8	-
August 2021	-	-	-	3,958.2	-
September 2020	-	-	-	3,864.6	-
New Jersey					
September 2021	NA	NA	NA	W	W
August 2021	NA	NA	NA	W	W
September 2020	W	W	W	7,201.9	W
New York					
September 2021	W	W	W	7,157.1	W
August 2021	W	W	W	7,413.9	W
September 2020	2,453.7	2,453.7	W	W	W
Pennsylvania					
September 2021	W	W	-	W	W
August 2021	W	W	-	W	W
September 2020	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets		Total[a]	DTW	Rack
Subdistrict 1C					
September 2021	-		10.6	-	W
August 2021	-		11.3	-	W
September 2020	W		W	-	W
Florida					
September 2021	-		W	-	W
August 2021	-		W	-	W
September 2020	W		W	-	W
Georgia					
September 2021	-		W	-	8,379.3
August 2021	-		W	-	8,768.7
September 2020	W		W	-	8,431.8
North Carolina					
September 2021	-		-	-	10,379.7
August 2021	-		-	-	10,916.5
September 2020	W		W	-	9,171.7
South Carolina					
September 2021	-		W	-	4,332.1
August 2021	-		W	-	4,583.0
September 2020	W		W	-	4,331.6
Virginia					
September 2021	-		-	-	3,056.4
August 2021	-		-	-	3,252.9
September 2020	-		-	-	W
West Virginia					
September 2021	-		-	-	W
August 2021	-		-	-	776.8
September 2020	W		W	-	776.1
PAD District 2					
September 2021	W		W	W	80,616.6
August 2021	W		W	W	81,790.9
September 2020	W		W	W	W
Illinois					
September 2021	-		W	-	W
August 2021	-		W	-	W
September 2020	W		W	-	3,600.3
Indiana					
September 2021	-		W	-	W
August 2021	-		W	-	W
September 2020	W		W	-	W
Iowa					
September 2021	-		-	-	3,513.4
August 2021	-		-	-	3,467.5
September 2020	-		-	-	3,450.1
Kansas					
September 2021	W		W	-	W
August 2021	W		W	-	W
September 2020	W		W	-	4,276.2
Kentucky					
September 2021	-		W	-	4,063.1
August 2021	-		W	-	4,126.1
September 2020	W		W	-	2,986.1
Michigan					
September 2021	-		W	-	12,298.6
August 2021	-		W	-	12,789.7
September 2020	W		W	-	W
Minnesota					
September 2021	W		W	W	7,000.6
August 2021	W		W	W	6,601.6
September 2020	W		W	W	5,213.6
Missouri					
September 2021	-		W	-	3,115.4
August 2021	-		W	-	3,091.7
September 2020	-		W	-	2,953.1

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets		Total[a]	DTW	Rack
Subdistrict 1C					
September 2021	-	-	-	-	3,902.8
August 2021	-	-	-	-	3,969.6
September 2020	-	-	-	-	3,595.2
Florida					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Georgia					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
North Carolina					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
South Carolina					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Virginia					
September 2021	-	-	-	-	3,902.8
August 2021	-	-	-	-	3,969.6
September 2020	-	-	-	-	3,595.2
West Virginia					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
PAD District 2					
September 2021	-	W	-	-	13,123.2
August 2021	-	W	-	-	13,412.2
September 2020	W	W	-	W	W
Illinois					
September 2021	-	-	-	-	8,216.4
August 2021	-	W	-	-	8,370.9
September 2020	W	W	-	W	W
Indiana					
September 2021	-	W	-	-	1,422.6
August 2021	-	W	-	-	1,479.0
September 2020	W	W	-	-	902.2
Iowa					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Kansas					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Kentucky					
September 2021	-	W	-	-	1,045.0
August 2021	-	W	-	-	1,065.5
September 2020	W	W	-	-	764.7
Michigan					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Minnesota					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Missouri					
September 2021	-	-	-	-	504.0
August 2021	-	-	-	-	482.3
September 2020	-	-	-	-	511.7

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
Subdistrict 1C					
September 2021	-		10.6	-	W
August 2021	-		11.3	-	W
September 2020	W		W	-	W
Florida					
September 2021	-		W	-	W
August 2021	-		W	-	W
September 2020	W		W	-	W
Georgia					
September 2021	-		W	-	8,379.3
August 2021	-		W	-	8,768.7
September 2020	W		W	-	8,431.8
North Carolina					
September 2021	-		-	-	10,379.7
August 2021	-		-	-	10,916.5
September 2020	W		W	-	9,171.7
South Carolina					
September 2021	-		W	-	4,332.1
August 2021	-		W	-	4,583.0
September 2020	W		W	-	4,331.6
Virginia					
September 2021	-		-	-	6,959.2
August 2021	-		-	-	7,222.5
September 2020	-		-	-	W
West Virginia					
September 2021	-		-	-	W
August 2021	-		-	-	776.8
September 2020	W		W	-	776.1
PAD District 2					
September 2021	W		125.7	W	93,739.8
August 2021	W		139.0	W	95,203.1
September 2020	W		W	W	80,762.8
Illinois					
September 2021	-		W	-	W
August 2021	-		1.1	-	W
September 2020	W		W	-	W
Indiana					
September 2021	-		W	-	W
August 2021	-		W	-	W
September 2020	W		W	-	W
Iowa					
September 2021	-		-	-	3,513.4
August 2021	-		-	-	3,467.5
September 2020	-		-	-	3,450.1
Kansas					
September 2021	W		W	-	W
August 2021	W		W	-	W
September 2020	W		W	-	4,276.2
Kentucky					
September 2021	-		W	-	5,108.0
August 2021	-		W	-	5,191.6
September 2020	W		W	-	3,750.8
Michigan					
September 2021	-		W	-	12,298.6
August 2021	-		W	-	12,789.7
September 2020	W		W	-	W
Minnesota					
September 2021	W		W	W	7,000.6
August 2021	W		W	W	6,601.6
September 2020	W		W	W	5,213.6
Missouri					
September 2021	-		W	-	3,619.4
August 2021	-		W	-	3,574.0
September 2020	-		W	-	3,464.8

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
September 2021	W	W	-	1,837.1	-
August 2021	W	W	-	1,869.2	-
September 2020	W	W	-	1,724.7	-
North Dakota					
September 2021	W	W	-	1,042.0	-
August 2021	W	W	-	968.6	-
September 2020	W	W	W	W	-
Ohio					
September 2021	W	W	-	13,052.9	-
August 2021	W	22.9	-	W	W
September 2020	W	W	-	W	W
Oklahoma					
September 2021	W	W	-	4,419.0	328.3
August 2021	W	W	-	4,431.0	349.5
September 2020	W	W	-	4,204.5	500.7
South Dakota					
September 2021	W	W	-	1,308.3	-
August 2021	W	W	-	1,268.3	-
September 2020	W	W	-	1,118.1	-
Tennessee					
September 2021	-	W	-	10,035.8	-
August 2021	-	W	-	10,489.6	-
September 2020	W	W	-	9,586.3	-
Wisconsin					
September 2021	-	W	-	4,305.2	-
August 2021	-	W	-	4,371.9	-
September 2020	W	W	-	4,065.3	-
PAD District 3					
September 2021	W	W	669.8	W	W
August 2021	W	W	723.6	W	W
September 2020	W	W	214.4	W	W
Alabama					
September 2021	-	W	-	5,083.5	-
August 2021	-	W	-	5,348.4	-
September 2020	W	W	-	5,433.5	-
Arkansas					
September 2021	-	W	-	3,414.3	-
August 2021	-	-	-	3,367.2	-
September 2020	-	-	-	3,256.4	-
Louisiana					
September 2021	-	W	-	W	W
August 2021	-	W	-	W	W
September 2020	-	W	-	W	1,389.9
Mississippi					
September 2021	-	-	W	3,686.9	W
August 2021	-	-	-	W	W
September 2020	-	-	-	2,833.4	560.4
New Mexico					
September 2021	W	W	W	W	-
August 2021	W	W	W	W	-
September 2020	423.8	429.0	W	W	-
Texas					
September 2021	W	W	W	W	717.5
August 2021	W	W	W	W	324.0
September 2020	W	W	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated		
	Sales to end users	Total[a]	Sales for resale
	Through retail outlets	DTW	Rack
PAD District 2 (cont.)			
Nebraska			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
North Dakota			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
Ohio			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
Oklahoma			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
South Dakota			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
Tennessee			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
Wisconsin			
September 2021	-	-	1,935.3
August 2021	-	-	2,014.5
September 2020	W	W	1,583.2
PAD District 3			
Alabama			
September 2021	-	-	W
August 2021	-	W	W
September 2020	W	W	W
Arkansas			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
Louisiana			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	W
Mississippi			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
New Mexico			
September 2021	-	-	-
August 2021	-	-	-
September 2020	-	-	-
Texas			
September 2021	-	-	W
August 2021	-	W	W
September 2020	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations					
	Sales to end users		Total[a]	Sales for resale		
	Through retail outlets	Total		DTW	Rack	
PAD District 2 (cont.)						
Nebraska						
September 2021	W	W	-	1,837.1	-	
August 2021	W	W	-	1,869.2	-	
September 2020	W	W	-	1,724.7	-	
North Dakota						
September 2021	W	W	-	1,042.0	-	
August 2021	W	W	-	968.6	-	
September 2020	W	W	W	W	-	
Ohio						
September 2021	W	W	-	13,052.9	-	
August 2021	W	22.9	-	W	W	
September 2020	W	W	-	W	W	
Oklahoma						
September 2021	W	W	-	4,419.0	328.3	
August 2021	W	W	-	4,431.0	349.5	
September 2020	W	W	-	4,204.5	500.7	
South Dakota						
September 2021	W	W	-	1,308.3	-	
August 2021	W	W	-	1,268.3	-	
September 2020	W	W	-	1,118.1	-	
Tennessee						
September 2021	-	W	-	10,035.8	-	
August 2021	-	W	-	10,489.6	-	
September 2020	W	W	-	9,586.3	-	
Wisconsin						
September 2021	-	W	-	6,240.5	-	
August 2021	-	W	-	6,386.4	-	
September 2020	W	W	-	5,648.5	-	
PAD District 3						
September 2021	W	W	669.8	55,899.1	3,383.4	
August 2021	W	W	723.6	56,141.5	2,301.5	
September 2020	946.3	965.7	214.4	52,386.8	4,332.0	
Alabama						
September 2021	-	W	-	5,083.5	-	
August 2021	-	W	-	5,348.4	-	
September 2020	W	W	-	5,433.5	-	
Arkansas						
September 2021	-	W	-	3,414.3	-	
August 2021	-	-	-	3,367.2	-	
September 2020	-	-	-	3,256.4	-	
Louisiana						
September 2021	-	W	-	W	W	
August 2021	-	W	-	W	W	
September 2020	-	W	-	6,169.3	1,389.9	
Mississippi						
September 2021	-	-	W	3,686.9	W	
August 2021	-	-	-	W	W	
September 2020	-	-	-	2,833.4	560.4	
New Mexico						
September 2021	W	W	W	W	-	
August 2021	W	W	W	W	-	
September 2020	423.8	429.0	W	W	-	
Texas						
September 2021	W	W	W	36,120.4	W	
August 2021	W	W	W	36,431.1	W	
September 2020	W	W	W	W	2,381.7	

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
PAD District 4					
September 2021	W	314.2		W	W
August 2021	W	329.8		W	W
September 2020	W	W		W	W
Colorado					
September 2021	W	W	-		5,641.3
August 2021	W	W	-		5,557.2
September 2020	217.5	222.2	W		W
Idaho					
September 2021	W	W	-		1,838.1
August 2021	W	W	-		1,744.0
September 2020	W	W	W		W
Montana					
September 2021	W	W	-		1,703.2
August 2021	W	W	-		1,901.0
September 2020	W	W	-		1,628.6
Utah					
September 2021	-	W	W		W
August 2021	-	W	W		W
September 2020	W	W	W		W
Wyoming					
September 2021	W	7.3	W		W
August 2021	W	8.5	W		W
September 2020	W	11.2	-		902.0
PAD District 5					
September 2021	W	W	W		W
August 2021	W	W	W		W
September 2020	1,134.5	1,167.4	W		W
Alaska					
September 2021	W	W	W		602.5
August 2021	W	W	W		556.6
September 2020	W	W	107.2		W
Arizona					
September 2021	-	W	W		1,907.4
August 2021	-	W	W		1,800.7
September 2020	W	W	W		1,523.9
California					
September 2021	-	-	-		W
August 2021	-	-	-		W
September 2020	-	-	-		W
Hawaii					
September 2021	W	W	W		W
August 2021	W	W	W		W
September 2020	W	W	W		W
Nevada					
September 2021	-	W	W		W
August 2021	-	W	W		W
September 2020	W	W	W		W
Oregon					
September 2021	W	W	W		3,589.3
August 2021	W	W	W		3,620.8
September 2020	88.2	88.2	672.3		3,085.5
Washington					
September 2021	NA	NA	W		5,977.6
August 2021	NA	NA	W		5,964.7
September 2020	334.9	340.5	W		5,300.0

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated		Sales for resale		
	Sales to end users	Total[a]	DTW	Rack	Bulk
Through retail outlets					
PAD District 4					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Colorado					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Idaho					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Montana					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Utah					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Wyoming					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
PAD District 5					
September 2021	W	W	W	W	W
August 2021	W	W	W	W	W
September 2020	3,668.7	3,670.5	13,481.2	W	W
Alaska					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Arizona					
September 2021	-	-	W	W	-
August 2021	-	-	W	W	-
September 2020	-	W	W	W	2,565.9
California					
September 2021	W	W	W	W	W
August 2021	W	W	W	W	W
September 2020	3,668.7	W	W	W	W
Hawaii					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Nevada					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Oregon					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-
Washington					
September 2021	-	-	-	-	-
August 2021	-	-	-	-	-
September 2020	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
					Bulk
PAD District 4					
September 2021	W	314.2	W	W	-
August 2021	W	329.8	W	W	-
September 2020	W	W	W	W	-
Colorado					
September 2021	W	W	-	5,641.3	-
August 2021	W	W	-	5,557.2	-
September 2020	217.5	222.2	W	W	-
Idaho					
September 2021	W	W	-	1,838.1	-
August 2021	W	W	-	1,744.0	-
September 2020	W	W	W	W	-
Montana					
September 2021	W	W	-	1,703.2	-
August 2021	W	W	-	1,901.0	-
September 2020	W	W	-	1,628.6	-
Utah					
September 2021	-	W	W	W	-
August 2021	-	W	W	W	-
September 2020	W	W	W	W	-
Wyoming					
September 2021	W	7.3	W	W	-
August 2021	W	8.5	W	W	-
September 2020	W	11.2	-	902.0	-
PAD District 5					
September 2021	2,197.8	2,219.8	19,008.0	W	W
August 2021	2,231.6	2,251.9	19,148.2	W	W
September 2020	4,803.1	4,838.0	W	30,365.9	W
Alaska					
September 2021	W	W	W	602.5	-
August 2021	W	W	W	556.6	-
September 2020	W	W	107.2	W	-
Arizona					
September 2021	-	W	W	W	-
August 2021	-	W	W	W	-
September 2020	W	W	1,258.9	4,089.8	-
California					
September 2021	W	W	W	16,856.0	W
August 2021	W	W	W	16,943.7	W
September 2020	3,668.7	3,669.4	W	15,540.0	W
Hawaii					
September 2021	W	W	W	W	-
August 2021	W	W	W	W	W
September 2020	W	W	W	W	W
Nevada					
September 2021	-	W	W	W	-
August 2021	-	W	W	W	-
September 2020	W	W	W	W	-
Oregon					
September 2021	W	W	W	3,589.3	W
August 2021	W	W	W	3,620.8	W
September 2020	88.2	88.2	672.3	3,085.5	-
Washington					
September 2021	NA	NA	W	5,977.6	W
August 2021	NA	NA	W	5,964.7	W
September 2020	334.9	340.5	W	5,300.0	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
September 2021	W	463.3	31,731.2	28,210.1	0.6	867.6	79.8	496.9	5,220.4	23,460.4
August 2021	W	493.6	31,309.1	29,182.7	W	743.4	53.6	206.8	4,216.4	20,784.5
September 2020	6.0	382.6	20,169.8	18,680.7	W	763.9	68.8	399.3	3,444.9	22,748.2
PAD District 1										
September 2021	W	122.0	4,099.4	5,825.9	W	292.9	-	W	-	3,158.5
August 2021	W	131.3	4,069.4	6,930.1	W	118.7	-	W	-	3,397.5
September 2020	W	103.7	2,207.5	3,396.8	W	483.9	-	W	-	2,998.8
Subdistrict 1A										
September 2021	W	W	273.1	517.7	-	W	-	-	-	207.7
August 2021	W	W	318.0	662.7	-	-	-	-	-	144.2
September 2020	W	W	91.7	253.7	W	W	-	-	-	187.7
Connecticut										
September 2021	-	-	W	W	-	W	-	-	-	W
August 2021	-	-	W	W	-	-	-	-	-	W
September 2020	-	-	W	W	-	W	-	-	-	W
Maine										
September 2021	-	W	W	W	-	-	-	-	-	37.6
August 2021	W	W	W	W	-	-	-	-	-	43.2
September 2020	W	W	W	W	-	-	-	-	-	W
Massachusetts										
September 2021	W	-	W	444.9	-	-	-	-	-	W
August 2021	W	-	W	582.0	-	-	-	-	-	W
September 2020	-	-	W	W	W	-	-	-	-	W
New Hampshire										
September 2021	-	-	W	-	-	-	-	-	-	W
August 2021	-	-	W	W	-	-	-	-	-	W
September 2020	-	-	W	-	W	-	-	-	-	W
Rhode Island										
September 2021	-	-	W	W	-	-	-	-	-	W
August 2021	-	-	W	W	-	-	-	-	-	W
September 2020	-	-	W	-	W	-	-	-	-	W
Vermont										
September 2021	-	-	W	W	-	-	-	-	-	W
August 2021	-	-	W	W	-	-	-	-	-	W
September 2020	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
September 2021	W	W	1,748.4	3,514.2	W	243.5	-	W	-	1,260.4
August 2021	W	W	1,741.9	4,009.5	W	W	-	W	-	1,818.5
September 2020	W	W	1,165.6	2,427.7	1.1	429.0	-	W	-	1,306.4
Delaware										
September 2021	-	-	-	-	-	W	-	-	-	W
August 2021	-	-	-	-	-	W	-	-	-	W
September 2020	-	-	-	-	W	W	-	-	-	W
District of Columbia										
September 2021	-	-	-	W	-	-	-	-	-	-
August 2021	-	-	-	-	-	-	-	-	-	-
September 2020	-	-	-	-	-	-	-	-	-	-
Maryland										
September 2021	-	-	W	W	-	W	-	-	-	W
August 2021	-	-	W	43.5	-	W	-	-	-	W
September 2020	-	-	W	26.0	-	W	-	-	-	W
New Jersey										
September 2021	-	W	594.7	1,998.2	-	W	-	-	-	171.2
August 2021	-	W	582.1	2,573.1	-	-	-	-	-	201.9
September 2020	-	-	399.7	2,250.6	W	100.5	-	-	-	227.8
New York										
September 2021	W	W	967.6	62.0	W	W	-	W	-	291.4
August 2021	W	W	972.2	119.8	-	W	-	-	-	243.9
September 2020	W	W	571.6	27.4	W	12.0	-	W	-	285.6
Pennsylvania										
September 2021	-	W	W	1,409.9	W	W	-	W	-	664.1
August 2021	W	W	W	1,273.1	W	W	-	W	-	1,218.4
September 2020	-	W	W	123.6	0.4	W	-	W	-	640.2

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
September 2021	W	75.6	2,077.9	1,794.0	-	W	-	-	-	1,690.3
August 2021	W	82.7	2,009.5	2,257.9	-	W	-	W	-	1,434.8
September 2020	-	W	950.3	715.4	W	W	-	W	-	1,504.8
Florida										
September 2021	W	W	W	1,433.1	-	-	-	-	-	260.4
August 2021	W	W	W	1,896.2	-	-	-	-	-	275.5
September 2020	-	W	567.5	436.4	W	-	-	-	-	243.5
Georgia										
September 2021	W	W	W	W	-	W	-	-	-	339.3
August 2021	-	W	W	W	-	W	-	W	-	287.6
September 2020	-	W	W	42.7	-	W	-	W	-	343.0
North Carolina										
September 2021	-	W	W	114.0	-	25.8	-	-	-	527.6
August 2021	-	W	W	98.1	-	11.6	-	-	-	420.0
September 2020	-	-	58.6	136.2	W	33.3	-	-	-	531.1
South Carolina										
September 2021	-	-	W	73.4	-	W	-	-	-	328.8
August 2021	-	-	W	79.2	-	-	-	-	-	283.2
September 2020	-	-	W	56.2	W	-	-	-	-	284.2
Virginia										
September 2021	-	W	297.3	109.9	-	W	-	-	-	W
August 2021	-	W	300.2	122.9	-	-	-	-	-	35.1
September 2020	-	W	218.8	W	-	W	-	-	-	W
West Virginia										
September 2021	-	-	-	W	-	-	-	-	-	W
August 2021	-	-	-	W	-	-	-	-	-	133.5
September 2020	-	-	-	W	W	-	-	-	-	W
PAD District 2										
September 2021	W	108.5	6,363.8	4,549.6	W	W	W	152.7	W	9,064.7
August 2021	W	123.8	6,771.8	4,658.7	W	W	W	84.8	W	7,285.8
September 2020	W	W	5,430.9	2,572.9	W	30.5	4.8	175.8	W	8,622.2
Illinois										
September 2021	W	W	1,767.2	W	-	W	W	W	-	1,784.7
August 2021	-	W	1,917.9	W	-	W	W	W	-	1,332.8
September 2020	-	W	1,238.5	W	W	W	W	4.8	-	1,766.3
Indiana										
September 2021	-	-	767.3	198.8	-	W	-	W	-	423.2
August 2021	-	-	786.5	209.9	-	W	-	W	-	479.7
September 2020	-	-	603.3	163.7	W	3.8	-	W	W	468.9
Iowa										
September 2021	-	-	W	W	-	-	-	20.3	-	W
August 2021	-	-	W	W	-	-	-	10.5	W	W
September 2020	-	-	22.9	W	-	-	-	19.4	-	W
Kansas										
September 2021	W	W	W	W	-	W	-	17.6	-	2,018.8
August 2021	W	W	W	W	-	W	-	14.3	-	1,727.8
September 2020	W	W	W	W	-	W	W	15.2	-	2,302.4
Kentucky										
September 2021	W	W	W	415.2	-	W	W	W	-	479.5
August 2021	W	W	W	403.6	-	W	W	W	-	445.5
September 2020	W	W	W	200.1	W	W	W	W	-	479.9
Michigan										
September 2021	-	-	W	548.7	-	W	W	W	-	523.6
August 2021	-	-	188.0	476.7	-	W	W	W	-	545.0
September 2020	W	-	W	330.1	W	W	W	4.1	-	434.2
Minnesota										
September 2021	W	W	W	739.5	W	W	W	39.4	W	325.7
August 2021	W	W	W	781.5	W	W	W	16.4	W	252.5
September 2020	W	W	W	483.3	W	W	W	55.9	W	433.4
Missouri										
September 2021	W	-	W	W	-	-	W	W	W	289.6
August 2021	W	W	W	W	-	-	W	W	-	175.7
September 2020	W	-	W	W	-	W	W	W	-	271.5

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
September 2021	W	-	W	W	-	-	-	W	W	W
August 2021	W	-	W	W	-	-	-	2.1	W	W
September 2020	W	-	W	W	-	-	-	10.5	W	W
North Dakota										
September 2021	-	-	W	W	-	-	W	21.7	W	603.8
August 2021	-	-	W	W	-	-	W	10.2	W	572.6
September 2020	-	-	W	W	-	-	W	25.5	W	495.0
Ohio										
September 2021	W	W	434.0	393.0	-	W	-	W	-	1,389.7
August 2021	W	W	415.2	454.2	-	W	-	W	-	758.7
September 2020	-	-	301.4	344.9	W	W	-	W	-	674.3
Oklahoma										
September 2021	W	W	W	474.4	-	W	-	W	W	248.5
August 2021	W	-	W	536.3	-	W	-	W	W	211.5
September 2020	W	-	W	246.1	-	W	-	W	W	262.7
South Dakota										
September 2021	-	-	W	-	-	-	W	W	W	W
August 2021	W	-	W	-	-	-	W	2.2	W	W
September 2020	-	-	W	-	-	-	W	7.6	W	W
Tennessee										
September 2021	W	W	W	169.6	-	W	-	W	-	163.5
August 2021	W	W	W	179.4	-	W	-	W	-	152.5
September 2020	-	W	W	93.6	W	W	-	-	-	156.8
Wisconsin										
September 2021	-	-	51.8	W	-	-	W	W	W	386.7
August 2021	-	-	51.9	W	-	W	W	W	W	289.7
September 2020	-	-	W	W	W	W	W	W	W	360.1
PAD District 3										
September 2021	W	133.0	9,377.0	8,908.0	-	546.2	-	W	5,102.6	8,821.5
August 2021	W	138.6	8,641.9	9,019.9	-	612.6	-	W	4,081.9	7,791.7
September 2020	W	114.8	4,481.5	6,805.8	-	W	-	W	3,318.1	8,755.2
Alabama										
September 2021	-	W	84.3	93.8	-	W	-	-	-	189.5
August 2021	-	W	86.3	79.1	-	W	-	-	-	150.2
September 2020	-	W	34.5	57.2	-	W	-	-	-	207.2
Arkansas										
September 2021	W	-	W	W	-	-	-	-	-	W
August 2021	W	-	W	W	-	-	-	-	-	W
September 2020	-	-	W	W	-	-	-	-	-	W
Louisiana										
September 2021	W	W	1,802.3	2,512.6	-	W	-	W	W	359.9
August 2021	W	W	1,734.6	2,607.5	-	W	-	W	W	489.3
September 2020	-	-	375.2	966.0	-	W	-	W	W	143.4
Mississippi										
September 2021	-	W	1,276.1	560.6	-	W	-	-	-	372.0
August 2021	-	W	1,309.1	521.3	-	W	-	-	-	295.0
September 2020	-	W	629.5	1,209.8	-	W	-	-	-	405.1
New Mexico										
September 2021	W	-	W	W	-	-	-	-	-	W
August 2021	W	-	W	W	-	-	-	-	-	W
September 2020	W	-	W	W	-	-	-	-	-	W
Texas										
September 2021	W	123.1	6,156.7	5,672.5	-	W	-	W	W	7,773.7
August 2021	W	127.3	5,460.1	5,740.0	-	W	-	W	W	6,738.3
September 2020	-	100.0	3,420.0	4,494.8	-	W	-	-	W	7,857.1

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
September 2021	W	W	1,024.7	1,417.8	-	-	W	34.0	W	942.7
August 2021	W	W	1,158.4	1,454.2	-	-	W	21.0	W	929.0
September 2020	W	W	613.4	754.6	-	-	W	38.1	W	971.4
Colorado										
September 2021	W	-	336.0	930.6	-	-	-	8.7	-	340.2
August 2021	W	-	413.9	881.9	-	-	W	W	-	363.1
September 2020	W	-	W	437.4	-	-	-	9.9	-	383.2
Idaho										
September 2021	-	-	W	29.6	-	-	W	W	W	W
August 2021	-	-	W	41.4	-	-	W	W	W	W
September 2020	-	-	W	27.1	-	-	W	1.1	W	W
Montana										
September 2021	W	W	W	W	-	-	W	12.7	W	115.9
August 2021	-	W	W	W	-	-	W	9.1	W	120.0
September 2020	-	W	W	W	-	-	W	13.9	W	123.6
Utah										
September 2021	-	W	468.8	322.0	-	-	W	W	-	W
August 2021	-	W	497.3	359.6	-	-	-	W	-	W
September 2020	-	W	323.0	191.7	-	-	-	2.8	-	W
Wyoming										
September 2021	W	-	110.6	W	-	-	-	7.1	-	381.2
August 2021	-	-	W	W	-	-	-	3.0	-	353.3
September 2020	-	-	W	W	-	-	-	10.3	-	379.3
PAD District 5										
September 2021	W	W	10,866.4	7,508.9	W	W	W	239.2	W	1,473.0
August 2021	W	W	10,667.7	7,119.8	NA	W	W	99.6	W	1,380.5
September 2020	W	W	7,436.5	5,150.7	W	W	W	183.0	W	1,400.6
Alaska										
September 2021	-	W	W	W	-	-	W	W	W	W
August 2021	-	-	W	W	-	-	W	W	W	W
September 2020	W	W	W	W	-	-	W	W	W	W
Arizona										
September 2021	W	W	105.7	240.7	-	-	-	-	-	97.7
August 2021	W	W	108.3	229.3	-	-	-	-	-	82.8
September 2020	W	W	W	132.5	-	-	-	-	-	103.2
California										
September 2021	W	41.4	6,129.6	5,765.4	-	W	-	-	-	986.1
August 2021	W	40.0	5,568.9	5,265.2	-	W	-	-	-	955.2
September 2020	W	W	3,752.0	4,030.3	W	W	-	-	-	906.6
Hawaii										
September 2021	-	-	W	W	-	-	-	-	-	W
August 2021	-	-	W	W	-	-	-	-	-	W
September 2020	-	-	W	W	-	-	-	-	-	W
Nevada										
September 2021	-	-	W	W	-	-	-	-	-	W
August 2021	-	-	W	W	-	-	-	-	-	W
September 2020	-	-	W	W	-	-	-	-	-	W
Oregon										
September 2021	-	W	373.7	W	-	-	-	W	W	W
August 2021	-	W	349.8	W	-	-	-	W	W	W
September 2020	-	W	212.5	84.0	-	-	-	W	W	W
Washington										
September 2021	-	W	1,649.2	311.9	W	-	W	W	W	346.1
August 2021	-	W	2,182.4	423.2	NA	-	-	W	W	304.7
September 2020	-	W	1,257.9	268.5	NA	-	W	W	W	361.1

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.
 Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
September 2021	W	154,142.5	-	-	W	1,093.0
August 2021	W	149,564.9	-	-	W	W
September 2020	9,273.3	151,391.2	W	-	W	1,087.6
PAD District 1						
September 2021	962.6	29,781.4	-	-	-	W
August 2021	980.8	W	-	-	-	W
September 2020	1,293.4	W	-	-	-	W
Subdistrict 1A						
September 2021	W	W	-	-	-	-
August 2021	W	1,362.3	-	-	-	-
September 2020	W	1,388.5	-	-	-	-
Connecticut						
September 2021	W	W	-	-	-	-
August 2021	W	W	-	-	-	-
September 2020	W	674.5	-	-	-	-
Maine						
September 2021	-	W	-	-	-	-
August 2021	-	W	-	-	-	-
September 2020	-	175.4	-	-	-	-
Massachusetts						
September 2021	-	W	-	-	-	-
August 2021	-	328.5	-	-	-	-
September 2020	W	W	-	-	-	-
New Hampshire						
September 2021	-	W	-	-	-	-
August 2021	-	W	-	-	-	-
September 2020	W	W	-	-	-	-
Rhode Island						
September 2021	-	W	-	-	-	-
August 2021	-	W	-	-	-	-
September 2020	W	W	-	-	-	-
Vermont						
September 2021	-	W	-	-	-	-
August 2021	-	W	-	-	-	-
September 2020	-	W	-	-	-	-
Subdistrict 1B						
September 2021	W	W	-	-	-	W
August 2021	W	W	-	-	-	W
September 2020	W	W	-	-	-	W
Delaware						
September 2021	W	W	-	-	-	-
August 2021	W	W	-	-	-	-
September 2020	W	W	-	-	-	-
District of Columbia						
September 2021	-	W	-	-	-	-
August 2021	-	W	-	-	-	-
September 2020	-	W	-	-	-	-
Maryland						
September 2021	-	1,193.2	-	-	-	-
August 2021	-	1,149.8	-	-	-	-
September 2020	W	1,039.2	-	-	-	-
New Jersey						
September 2021	W	W	-	-	-	W
August 2021	W	W	-	-	-	W
September 2020	87.3	W	-	-	-	W
New York						
September 2021	69.7	W	-	-	-	W
August 2021	70.0	W	-	-	-	W
September 2020	160.1	W	-	-	-	W
Pennsylvania						
September 2021	239.6	4,687.9	-	-	-	-
August 2021	235.0	4,843.8	-	-	-	-
September 2020	267.4	4,066.8	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
September 2021		W	15,203.2		-	-
August 2021		W	15,191.7		-	-
September 2020		W	15,238.1		-	-
Florida						
September 2021		138.1	W	-	-	-
August 2021		138.9	4,827.9	-	-	-
September 2020		251.8	4,708.8	-	-	-
Georgia						
September 2021		137.6	2,498.2	-	-	-
August 2021		122.4	2,736.7	-	-	-
September 2020		32.1	2,720.1	-	-	-
North Carolina						
September 2021		101.1	W	-	-	-
August 2021		83.5	W	-	-	-
September 2020		209.4	W	-	-	-
South Carolina						
September 2021		W	1,371.0	-	-	-
August 2021		W	1,457.5	-	-	-
September 2020		W	1,647.9	-	-	-
Virginia						
September 2021		5.9	W	-	-	-
August 2021		6.9	W	-	-	-
September 2020		7.0	W	-	-	-
West Virginia						
September 2021		W	W	-	-	-
August 2021		W	W	-	-	-
September 2020		207.0	W	-	-	-
PAD District 2						
September 2021		W	48,722.0	-	-	-
August 2021		W	W	-	-	-
September 2020		W	W	-	-	-
Illinois						
September 2021		86.7	6,770.5	-	-	-
August 2021		85.2	6,493.5	-	-	-
September 2020		119.2	7,324.7	-	-	-
Indiana						
September 2021		W	3,979.5	-	-	-
August 2021		W	3,487.5	-	-	-
September 2020		176.1	3,937.4	-	-	-
Iowa						
September 2021		32.3	2,257.5	-	-	-
August 2021		33.8	1,743.9	-	-	-
September 2020		W	2,090.4	-	-	-
Kansas						
September 2021		W	3,898.2	-	-	-
August 2021		500.5	3,604.3	-	-	-
September 2020		465.6	3,308.7	-	-	-
Kentucky						
September 2021		W	2,193.1	-	-	-
August 2021		W	2,158.3	-	-	-
September 2020		308.2	1,703.3	-	-	-
Michigan						
September 2021		W	W	-	-	-
August 2021		W	W	-	-	-
September 2020		176.0	W	-	-	-
Minnesota						
September 2021		232.8	W	-	-	-
August 2021		W	2,824.6	-	-	-
September 2020		299.2	W	-	-	-
Missouri						
September 2021		1.5	1,819.6	-	-	-
August 2021		1.0	1,714.5	-	-	-
September 2020		1.4	1,720.9	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
September 2021	304.4	1,644.0	-	-	-	-
August 2021	278.1	1,663.3	-	-	-	-
September 2020	398.9	1,576.8	-	-	-	-
North Dakota						
September 2021	274.3	1,363.4	-	-	-	-
August 2021	257.5	1,301.9	-	-	-	-
September 2020	277.3	1,331.0	-	-	-	-
Ohio						
September 2021	W	6,029.8	-	-	-	-
August 2021	W	5,844.4	-	-	-	-
September 2020	394.1	5,144.4	-	-	-	-
Oklahoma						
September 2021	169.8	5,442.6	-	-	-	-
August 2021	153.6	5,751.5	-	-	-	-
September 2020	156.1	4,890.9	-	-	-	-
South Dakota						
September 2021	W	802.9	-	-	-	-
August 2021	W	682.1	-	-	-	-
September 2020	W	848.5	-	-	-	-
Tennessee						
September 2021	198.5	3,686.6	-	-	-	-
August 2021	189.7	W	-	-	-	-
September 2020	171.5	3,789.3	-	-	-	-
Wisconsin						
September 2021	W	W	-	-	-	-
August 2021	W	W	-	-	-	-
September 2020	W	W	-	-	-	-
PAD District 3						
September 2021	1,727.6	49,915.3	-	-	-	334.6
August 2021	1,578.1	46,847.4	-	W	-	W
September 2020	1,826.1	48,761.2	-	-	-	507.0
Alabama						
September 2021	189.0	1,967.6	-	-	-	-
August 2021	146.3	2,157.3	-	-	-	-
September 2020	135.6	1,846.7	-	-	-	-
Arkansas						
September 2021	W	1,852.2	-	-	-	-
August 2021	W	1,852.6	-	-	-	-
September 2020	W	1,503.7	-	-	-	-
Louisiana						
September 2021	W	W	-	-	-	W
August 2021	W	W	-	W	-	W
September 2020	W	W	-	-	-	W
Mississippi						
September 2021	38.4	W	-	-	-	W
August 2021	W	2,467.8	-	-	-	-
September 2020	21.7	3,351.2	-	-	-	-
New Mexico						
September 2021	33.8	1,418.7	-	-	-	-
August 2021	34.9	1,444.5	-	-	-	-
September 2020	99.4	1,235.3	-	-	-	-
Texas						
September 2021	1,341.9	33,824.9	-	-	-	268.3
August 2021	1,178.6	W	-	-	-	W
September 2020	1,370.1	W	-	-	-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
September 2021	W	7,126.5	-	-	-	-
August 2021	W	7,018.4	-	-	-	-
September 2020	W	6,807.0	-	-	-	-
Colorado						
September 2021	226.2	2,018.6	-	-	-	-
August 2021	186.3	2,027.9	-	-	-	-
September 2020	269.3	2,058.5	-	-	-	-
Idaho						
September 2021	W	1,069.8	-	-	-	-
August 2021	W	954.6	-	-	-	-
September 2020	W	953.6	-	-	-	-
Montana						
September 2021	188.7	1,197.0	-	-	-	-
August 2021	186.7	1,313.9	-	-	-	-
September 2020	204.9	1,152.6	-	-	-	-
Utah						
September 2021	W	1,899.1	-	-	-	-
August 2021	W	1,723.0	-	-	-	-
September 2020	W	1,719.4	-	-	-	-
Wyoming						
September 2021	233.8	942.0	-	-	-	-
August 2021	203.5	999.0	-	-	-	-
September 2020	247.1	922.9	-	-	-	-
PAD District 5						
September 2021	W	18,597.3	-	-	W	W
August 2021	W	W	-	-	W	W
September 2020	W	W	W	-	W	W
Alaska						
September 2021	W	W	-	-	-	-
August 2021	W	W	-	-	-	-
September 2020	W	W	-	-	-	-
Arizona						
September 2021	338.7	1,137.2	-	-	-	-
August 2021	345.1	1,122.4	-	-	-	-
September 2020	382.4	964.5	-	-	-	-
California						
September 2021	894.0	W	-	-	-	W
August 2021	902.1	11,103.7	-	-	-	W
September 2020	1,011.6	W	-	-	-	W
Hawaii						
September 2021	W	W	-	-	W	W
August 2021	W	W	-	-	W	W
September 2020	W	W	W	-	W	W
Nevada						
September 2021	W	456.6	-	-	-	-
August 2021	W	456.9	-	-	-	-
September 2020	W	474.3	-	-	-	-
Oregon						
September 2021	21.9	2,311.0	-	-	-	-
August 2021	18.9	2,228.9	-	-	-	-
September 2020	24.6	2,136.4	-	-	-	-
Washington						
September 2021	W	W	-	-	-	W
August 2021	210.5	W	-	-	-	W
September 2020	W	W	-	-	-	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
September 2021	99.2	4,096.6	8,335.6	159,332.0
August 2021	62.8	2,330.8	8,030.8	152,609.4
September 2020	55.5	5,982.6	9,520.6	158,461.3
PAD District 1				
September 2021	-	W	962.6	32,797.1
August 2021	-	1,292.3	980.8	31,770.8
September 2020	-	2,821.7	1,293.4	32,468.8
Subdistrict 1A				
September 2021	-	W	W	2,114.5
August 2021	-	276.9	W	1,639.2
September 2020	-	591.3	W	1,979.8
Connecticut				
September 2021	-	W	W	1,074.6
August 2021	-	W	W	775.3
September 2020	-	326.6	W	1,001.1
Maine				
September 2021	-	W	-	185.4
August 2021	-	W	-	137.6
September 2020	-	79.5	-	254.9
Massachusetts				
September 2021	-	W	-	408.9
August 2021	-	41.3	-	369.8
September 2020	-	W	W	268.9
New Hampshire				
September 2021	-	W	-	W
August 2021	-	W	-	W
September 2020	-	W	W	W
Rhode Island				
September 2021	-	W	-	286.3
August 2021	-	W	-	234.1
September 2020	-	W	W	300.7
Vermont				
September 2021	-	W	-	W
August 2021	-	W	-	W
September 2020	-	W	-	W
Subdistrict 1B				
September 2021	-	2,140.5	W	15,304.6
August 2021	-	984.9	W	14,909.5
September 2020	-	2,185.6	W	15,206.1
Delaware				
September 2021	-	W	W	W
August 2021	-	W	W	W
September 2020	-	W	W	W
District of Columbia				
September 2021	-	-	-	W
August 2021	-	-	-	W
September 2020	-	-	-	W
Maryland				
September 2021	-	W	-	1,250.8
August 2021	-	W	-	1,188.3
September 2020	-	W	W	1,106.7
New Jersey				
September 2021	-	1,415.1	W	7,210.1
August 2021	-	539.2	W	7,018.1
September 2020	-	1,320.4	87.3	7,818.9
New York				
September 2021	-	262.6	69.7	1,426.4
August 2021	-	175.6	70.0	1,307.5
September 2020	-	274.2	160.1	1,279.0
Pennsylvania				
September 2021	-	379.4	239.6	5,067.4
August 2021	-	227.6	235.0	5,071.4
September 2020	-	466.1	267.4	4,532.9

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
September 2021	-	174.8	633.8	15,378.0
August 2021	-	30.5	656.8	15,222.2
September 2020	-	44.8	747.5	15,282.9
Florida				
September 2021	-	W	138.1	5,137.9
August 2021	-	-	138.9	4,827.9
September 2020	-	-	251.8	4,708.8
Georgia				
September 2021	-	-	137.6	2,498.2
August 2021	-	-	122.4	2,736.7
September 2020	-	-	32.1	2,720.1
North Carolina				
September 2021	-	W	101.1	3,279.5
August 2021	-	W	83.5	3,152.7
September 2020	-	W	209.4	3,061.9
South Carolina				
September 2021	-	-	W	1,371.0
August 2021	-	-	W	1,457.5
September 2020	-	-	W	1,647.9
Virginia				
September 2021	-	W	5.9	2,437.9
August 2021	-	W	6.9	2,475.2
September 2020	-	W	W	2,450.2
West Virginia				
September 2021	-	W	W	653.6
August 2021	-	W	W	572.2
September 2020	-	W	207.0	694.0
PAD District 2				
September 2021	W	4.4	2,738.2	48,726.4
August 2021	W	W	2,445.6	46,498.9
September 2020	W	W	3,109.3	46,077.3
Illinois				
September 2021	-	-	86.7	6,770.5
August 2021	-	-	85.2	6,493.5
September 2020	-	-	119.2	7,324.7
Indiana				
September 2021	-	-	W	3,979.5
August 2021	-	-	W	3,487.5
September 2020	-	-	176.1	3,937.4
Iowa				
September 2021	-	-	32.3	2,257.5
August 2021	-	-	33.8	1,743.9
September 2020	-	-	W	2,090.4
Kansas				
September 2021	-	-	W	3,898.2
August 2021	-	-	500.5	3,604.3
September 2020	-	-	465.6	3,308.7
Kentucky				
September 2021	-	-	W	2,193.1
August 2021	-	-	W	2,158.3
September 2020	-	-	308.2	1,703.3
Michigan				
September 2021	-	W	W	2,964.4
August 2021	-	W	W	2,900.4
September 2020	-	W	176.0	2,874.4
Minnesota				
September 2021	-	W	232.8	3,189.2
August 2021	W	-	237.6	2,824.6
September 2020	-	W	299.2	2,880.8
Missouri				
September 2021	-	-	1.5	1,819.6
August 2021	-	-	1.0	1,714.5
September 2020	-	-	1.4	1,720.9

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
September 2021	-	-	304.4	1,644.0
August 2021	-	-	278.1	1,663.3
September 2020	-	-	398.9	1,576.8
North Dakota				
September 2021	-	-	274.3	1,363.4
August 2021	-	-	257.5	1,301.9
September 2020	-	-	277.3	1,331.0
Ohio				
September 2021	-	-	W	6,029.8
August 2021	-	-	W	5,844.4
September 2020	-	-	394.1	5,144.4
Oklahoma				
September 2021	-	-	169.8	5,442.6
August 2021	-	-	153.6	5,751.5
September 2020	-	-	156.1	4,890.9
South Dakota				
September 2021	W	-	W	802.9
August 2021	W	-	W	682.1
September 2020	W	-	W	848.5
Tennessee				
September 2021	-	-	198.5	3,686.6
August 2021	-	W	189.7	3,825.2
September 2020	-	-	171.5	3,789.3
Wisconsin				
September 2021	W	W	23.0	2,685.2
August 2021	W	W	13.9	2,503.5
September 2020	W	W	38.9	2,655.7
PAD District 3				
Alabama				
September 2021	-	1,260.3	1,727.6	51,510.2
August 2021	-	1,026.2	1,578.1	47,960.3
September 2020	-	3,034.7	1,826.1	52,302.9
Arkansas				
September 2021	-	-	W	1,852.2
August 2021	-	-	W	1,852.6
September 2020	-	-	W	1,503.7
Louisiana				
September 2021	-	257.2	W	8,552.3
August 2021	-	470.3	W	9,537.2
September 2020	-	1,172.7	W	13,241.0
Mississippi				
September 2021	-	-	38.4	2,623.1
August 2021	-	-	W	2,467.8
September 2020	-	-	21.7	3,351.2
New Mexico				
September 2021	-	-	33.8	1,418.7
August 2021	-	-	34.9	1,444.5
September 2020	-	-	99.4	1,235.3
Texas				
September 2021	-	1,003.1	1,341.9	35,096.3
August 2021	-	556.0	1,178.6	30,500.9
September 2020	-	1,862.0	1,370.1	31,125.1

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
September 2021	W	-	989.1	7,126.5
August 2021	W	-	917.5	7,018.4
September 2020	W	-	1,097.2	6,807.0
Colorado				
September 2021	-	-	226.2	2,018.6
August 2021	-	-	W	2,027.9
September 2020	-	-	269.3	2,058.5
Idaho				
September 2021	W	-	W	1,069.8
August 2021	W	-	W	954.6
September 2020	W	-	69.0	953.6
Montana				
September 2021	-	-	W	1,197.0
August 2021	-	-	186.7	1,313.9
September 2020	-	-	204.9	1,152.6
Utah				
September 2021	W	-	304.9	1,899.1
August 2021	W	-	305.8	1,723.0
September 2020	W	-	306.9	1,719.4
Wyoming				
September 2021	-	-	233.8	942.0
August 2021	-	-	203.5	999.0
September 2020	-	-	247.1	922.9
PAD District 5				
September 2021	W	W	1,918.1	19,171.8
August 2021	W	W	2,108.7	19,361.0
September 2020	W	W	2,194.6	20,805.4
Alaska				
September 2021	W	W	W	W
August 2021	W	W	W	W
September 2020	W	W	W	W
Arizona				
September 2021	-	-	338.7	1,137.2
August 2021	-	-	345.1	1,122.4
September 2020	-	-	382.4	964.5
California				
September 2021	-	-	894.0	10,812.8
August 2021	-	W	902.1	11,312.9
September 2020	-	-	1,011.6	13,551.5
Hawaii				
September 2021	-	-	W	W
August 2021	-	-	W	W
September 2020	-	-	W	W
Nevada				
September 2021	W	-	W	456.6
August 2021	W	-	W	456.9
September 2020	W	-	W	474.3
Oregon				
September 2021	-	-	21.9	2,311.0
August 2021	-	-	18.9	2,228.9
September 2020	-	-	24.6	2,136.4
Washington				
September 2021	W	-	208.0	3,876.3
August 2021	-	-	210.5	3,514.9
September 2020	W	-	251.2	3,213.6

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District
thousand gallons per day

Geographic area month	Residual fuel oil				No. 4 fuel[a]			
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
September 2021	W	2,598.3	W	2,320.5	1,843.9	4,918.8	-	W
August 2021	W	2,969.5	W	1,948.1	2,005.5	4,917.6	-	W
September 2020	W	4,007.9	W	1,969.1	1,886.3	5,977.0	-	W
PAD District 1								
September 2021	W	W	-	W	W	1,936.9	-	-
August 2021	W	W	-	W	W	1,960.1	-	-
September 2020	W	W	-	W	W	W	-	-
Subdistrict 1A								
September 2021	-	-	-	-	-	-	-	-
August 2021	-	-	-	-	-	-	-	-
September 2020	-	-	-	-	-	-	-	-
Subdistrict 1B								
September 2021	W	W	-	W	W	1,936.9	-	-
August 2021	W	W	-	W	W	1,960.1	-	-
September 2020	W	W	-	W	W	W	-	-
Subdistrict 1C								
September 2021	-	-	-	-	-	-	-	-
August 2021	-	-	-	-	-	-	-	-
September 2020	-	-	-	-	-	-	-	-
PAD District 2								
September 2021	-	-	W	-	W	-	-	-
August 2021	-	-	W	-	W	-	-	-
September 2020	-	W	W	-	W	W	-	-
PAD District 3								
September 2021	W	858.9	W	941.9	W	1,800.8	-	W
August 2021	W	1,413.8	W	469.0	257.8	1,882.8	-	W
September 2020	W	1,409.7	W	611.4	W	2,021.1	-	W
PAD District 4								
September 2021	-	W	-	-	-	W	-	-
August 2021	-	W	-	-	-	W	-	-
September 2020	-	W	-	-	-	W	-	-
PAD District 5								
September 2021	W	W	W	W	1,606.2	W	-	-
August 2021	W	W	W	W	1,744.7	W	-	-
September 2020	W	W	W	W	1,651.0	1,696.1	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
 thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
September 2021	214,933.7	95,889.5	310,823.2	2,778.9	1,404.3	4,183.3
August 2021	219,046.1	96,906.8	315,952.9	3,032.6	1,460.2	4,492.8
September 2020	201,285.4	89,174.5	290,459.9	3,377.0	1,780.8	5,157.9
PAD District 1						
September 2021	65,461.5	37,056.7	102,518.2	1,029.3	519.9	1,549.2
August 2021	67,698.8	37,351.8	105,050.5	1,135.5	562.3	1,697.7
September 2020	61,897.2	34,995.5	96,892.8	1,319.6	648.7	1,968.3
Subdistrict 1A						
September 2021	1,646.0	11,657.4	13,303.3	21.5	161.1	182.6
August 2021	1,818.9	11,872.7	13,691.5	27.9	180.7	208.6
September 2020	1,623.0	11,217.7	12,840.7	27.6	199.9	227.5
Connecticut						
September 2021	-	3,140.9	3,140.9	-	38.3	38.3
August 2021	-	3,170.4	3,170.4	-	43.9	43.9
September 2020	-	3,100.6	3,100.6	-	39.3	39.3
Maine						
September 2021	648.3	1,033.2	1,681.5	15.5	15.6	31.1
August 2021	732.1	1,114.0	1,846.0	W	W	40.4
September 2020	658.5	953.8	1,612.4	18.7	13.7	32.3
Massachusetts						
September 2021	-	5,076.7	5,076.7	-	79.4	79.4
August 2021	-	5,108.1	5,108.1	-	83.1	83.1
September 2020	-	4,889.7	4,889.7	-	108.0	108.0
New Hampshire						
September 2021	320.1	1,024.7	1,344.8	1.2	12.0	13.2
August 2021	368.0	1,051.7	1,419.7	W	W	19.5
September 2020	319.5	952.0	1,271.5	3.4	15.5	18.9
Rhode Island						
September 2021	-	1,381.9	1,381.9	-	15.7	15.7
August 2021	-	1,428.5	1,428.5	-	17.1	17.1
September 2020	-	1,321.5	1,321.5	-	23.5	23.5
Vermont						
September 2021	677.6	-	677.6	4.8	-	4.8
August 2021	718.8	-	718.8	4.6	-	4.6
September 2020	645.0	-	645.0	5.5	-	5.5
Subdistrict 1B						
September 2021	12,705.1	21,720.3	34,425.4	99.5	312.2	411.7
August 2021	13,323.3	21,779.0	35,102.3	121.0	334.3	455.3
September 2020	12,254.6	20,431.9	32,686.5	157.9	400.6	558.5
Delaware						
September 2021	-	1,297.3	1,297.3	-	12.8	12.8
August 2021	-	1,337.6	1,337.6	-	16.3	16.3
September 2020	-	1,019.9	1,019.9	-	9.0	9.0
District of Columbia						
September 2021	-	159.4	159.4	-	2.7	2.7
August 2021	-	151.7	151.7	-	2.6	2.6
September 2020	-	139.5	139.5	-	3.0	3.0
Maryland						
September 2021	647.3	3,756.2	4,403.5	7.6	48.1	55.8
August 2021	710.6	3,701.5	4,412.1	14.5	48.3	62.7
September 2020	570.8	3,392.4	3,963.2	10.4	48.4	58.8
New Jersey						
September 2021	-	7,916.4	7,916.4	-	91.6	91.6
August 2021	-	8,076.6	8,076.6	-	102.9	102.9
September 2020	-	7,621.8	7,621.8	-	110.7	110.7
New York						
September 2021	5,573.8	6,359.3	11,933.1	55.4	146.8	202.2
August 2021	5,840.3	6,281.4	12,121.7	65.3	154.9	220.2
September 2020	5,254.5	6,059.1	11,313.6	88.8	204.5	293.3
Pennsylvania						
September 2021	6,483.9	2,231.8	8,715.7	36.5	10.0	46.5
August 2021	6,772.5	2,230.3	9,002.7	41.2	9.4	50.6
September 2020	6,429.3	2,199.2	8,628.6	58.7	25.0	83.7

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
September 2021	26,202.6	20,313.1	46,515.7	243,915.2	117,606.9	361,522.1
August 2021	27,178.5	20,377.5	47,556.1	249,257.2	118,744.6	368,001.8
September 2020	25,610.8	19,249.2	44,860.0	230,273.2	110,204.6	340,477.8
PAD District 1						
September 2021	8,580.3	7,214.3	15,794.6	75,071.1	44,790.9	119,862.0
August 2021	8,870.8	7,331.4	16,202.1	77,705.0	45,245.4	122,950.4
September 2020	8,148.1	6,965.7	15,113.9	71,365.0	42,610.0	113,975.0
Subdistrict 1A						
September 2021	139.4	1,966.0	2,105.5	1,806.9	13,784.5	15,591.4
August 2021	158.4	2,066.4	2,224.8	2,005.2	14,119.8	16,125.0
September 2020	130.5	1,956.6	2,087.0	1,781.1	13,374.1	15,155.2
Connecticut						
September 2021	-	616.1	616.1	-	3,795.3	3,795.3
August 2021	-	651.3	651.3	-	3,865.5	3,865.5
September 2020	-	631.8	631.8	-	3,771.7	3,771.7
Maine						
September 2021	32.0	104.8	136.7	695.8	1,153.6	1,849.4
August 2021	W	W	167.9	792.0	1,262.4	2,054.4
September 2020	35.6	103.9	139.5	712.8	1,071.4	1,784.2
Massachusetts						
September 2021	-	877.0	877.0	-	6,033.1	6,033.1
August 2021	-	895.3	895.3	-	6,086.5	6,086.5
September 2020	-	847.3	847.3	-	5,844.9	5,844.9
New Hampshire						
September 2021	33.2	130.0	163.2	354.5	1,166.7	1,521.2
August 2021	W	W	179.9	407.8	1,211.4	1,619.2
September 2020	21.4	139.7	161.1	344.3	1,107.2	1,451.6
Rhode Island						
September 2021	-	238.1	238.1	-	1,635.7	1,635.7
August 2021	-	248.4	248.4	-	1,694.0	1,694.0
September 2020	-	233.8	233.8	-	1,578.8	1,578.8
Vermont						
September 2021	74.3	-	74.3	756.7	-	756.7
August 2021	82.0	-	82.0	805.4	-	805.4
September 2020	73.5	-	73.5	724.0	-	724.0
Subdistrict 1B						
September 2021	1,388.7	4,533.5	5,922.2	14,193.3	26,566.0	40,759.3
August 2021	1,443.7	4,554.3	5,998.0	14,888.0	26,667.6	41,555.6
September 2020	1,354.6	4,356.9	5,711.5	13,767.1	25,189.5	38,956.6
Delaware						
September 2021	-	169.0	169.0	-	1,479.2	1,479.2
August 2021	-	174.6	174.6	-	1,528.5	1,528.5
September 2020	-	141.5	141.5	-	1,170.4	1,170.4
District of Columbia						
September 2021	-	37.7	37.7	-	199.8	199.8
August 2021	-	35.7	35.7	-	190.0	190.0
September 2020	-	31.6	31.6	-	174.1	174.1
Maryland						
September 2021	74.8	690.6	765.4	729.8	4,494.9	5,224.6
August 2021	77.9	676.2	754.1	803.0	4,425.9	5,228.9
September 2020	67.1	623.2	690.3	648.3	4,063.9	4,712.2
New Jersey						
September 2021	-	1,390.6	1,390.6	-	9,398.6	9,398.6
August 2021	-	1,426.8	1,426.8	-	9,606.2	9,606.2
September 2020	-	1,392.7	1,392.7	-	9,125.3	9,125.3
New York						
September 2021	599.8	1,831.3	2,431.2	6,229.1	8,337.4	14,566.5
August 2021	667.6	1,830.2	2,497.7	6,573.2	8,266.5	14,839.7
September 2020	589.3	1,789.4	2,378.6	5,932.5	8,053.0	13,985.5
Pennsylvania						
September 2021	714.1	414.2	1,128.3	7,234.5	2,656.1	9,890.6
August 2021	698.2	410.8	1,109.0	7,511.9	2,650.4	10,162.3
September 2020	698.2	378.5	1,076.8	7,186.3	2,602.7	9,789.0

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
September 2021	51,110.4	3,679.0	54,789.5	908.3	46.6	954.9
August 2021	52,556.6	3,700.1	56,256.7	986.5	47.3	1,033.8
September 2020	48,019.6	3,345.9	51,365.5	1,134.1	48.2	1,182.3
Florida						
September 2021	17,433.4	-	17,433.4	215.6	-	215.6
August 2021	17,609.5	-	17,609.5	245.9	-	245.9
September 2020	16,139.0	-	16,139.0	287.7	-	287.7
Georgia						
September 2021	11,610.9	-	11,610.9	311.5	-	311.5
August 2021	11,945.1	-	11,945.1	326.0	-	326.0
September 2020	11,019.6	-	11,019.6	332.1	-	332.1
North Carolina						
September 2021	10,779.8	-	10,779.8	176.9	-	176.9
August 2021	11,237.4	-	11,237.4	197.9	-	197.9
September 2020	9,985.4	-	9,985.4	273.5	-	273.5
South Carolina						
September 2021	5,983.3	-	5,983.3	150.0	-	150.0
August 2021	6,229.7	-	6,229.7	158.1	-	158.1
September 2020	5,819.4	-	5,819.4	171.9	-	171.9
Virginia						
September 2021	3,660.4	3,679.0	7,339.4	46.8	46.6	93.4
August 2021	3,826.5	3,700.1	7,526.6	50.5	47.3	97.7
September 2020	3,480.3	3,345.9	6,826.3	54.1	48.2	102.3
West Virginia						
September 2021	1,642.7	-	1,642.7	7.5	-	7.5
August 2021	1,708.4	-	1,708.4	8.2	-	8.2
September 2020	1,575.8	-	1,575.8	14.8	-	14.8
PAD District 2						
September 2021	79,696.7	12,639.6	92,336.3	814.4	113.5	927.9
August 2021	81,306.4	12,901.1	94,207.5	884.5	113.5	998.0
September 2020	74,075.2	11,490.6	85,565.8	994.8	167.2	1,162.1
Illinois						
September 2021	3,970.3	6,481.6	10,451.9	41.6	44.6	86.2
August 2021	4,053.5	6,610.2	10,663.7	42.3	44.6	86.9
September 2020	3,822.2	5,894.4	9,716.6	46.8	79.3	126.0
Indiana						
September 2021	6,756.3	1,095.4	7,851.8	51.8	10.0	61.8
August 2021	6,908.0	1,167.4	8,075.4	50.6	11.3	61.8
September 2020	6,356.7	1,006.5	7,363.2	72.6	21.0	93.6
Iowa						
September 2021	3,344.3	-	3,344.3	77.9	-	77.9
August 2021	3,416.0	-	3,416.0	77.7	-	77.7
September 2020	3,103.8	-	3,103.8	71.0	-	71.0
Kansas						
September 2021	4,117.7	-	4,117.7	47.1	-	47.1
August 2021	4,146.4	-	4,146.4	48.2	-	48.2
September 2020	3,820.3	-	3,820.3	48.0	-	48.0
Kentucky						
September 2021	4,457.7	891.2	5,348.8	37.4	9.6	47.0
August 2021	4,623.9	888.5	5,512.5	40.7	10.1	50.8
September 2020	4,230.2	714.0	4,944.2	56.7	15.0	71.8
Michigan						
September 2021	11,444.8	-	11,444.8	32.2	-	32.2
August 2021	11,763.5	-	11,763.5	63.4	-	63.4
September 2020	10,624.1	-	10,624.1	91.7	-	91.7
Minnesota						
September 2021	6,106.9	-	6,106.9	103.5	-	103.5
August 2021	5,822.8	-	5,822.8	118.1	-	118.1
September 2020	5,212.8	-	5,212.8	90.5	-	90.5
Missouri						
September 2021	5,159.8	2,282.8	7,442.6	87.8	40.0	127.8
August 2021	5,305.0	2,307.3	7,612.4	90.2	40.1	130.2
September 2020	4,972.8	2,146.1	7,118.9	80.3	36.9	117.3

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
September 2021	7,052.1	714.8	7,767.0	59,070.9	4,440.5	63,511.4
August 2021	7,268.7	710.6	7,979.4	60,811.8	4,458.0	65,269.8
September 2020	6,663.1	652.2	7,315.3	55,816.7	4,046.4	59,863.1
Florida						
September 2021	2,682.6	-	2,682.6	20,331.6	-	20,331.6
August 2021	2,738.5	-	2,738.5	20,593.8	-	20,593.8
September 2020	2,512.5	-	2,512.5	18,939.2	-	18,939.2
Georgia						
September 2021	1,748.3	-	1,748.3	13,670.8	-	13,670.8
August 2021	1,829.0	-	1,829.0	14,100.1	-	14,100.1
September 2020	1,655.9	-	1,655.9	13,007.5	-	13,007.5
North Carolina						
September 2021	1,432.3	-	1,432.3	12,389.1	-	12,389.1
August 2021	1,492.4	-	1,492.4	12,927.7	-	12,927.7
September 2020	1,343.5	-	1,343.5	11,602.4	-	11,602.4
South Carolina						
September 2021	714.7	-	714.7	6,848.0	-	6,848.0
August 2021	730.5	-	730.5	7,118.2	-	7,118.2
September 2020	704.6	-	704.6	6,695.9	-	6,695.9
Virginia						
September 2021	346.3	714.8	1,061.1	4,053.4	4,440.5	8,493.9
August 2021	361.0	710.6	1,071.6	4,237.9	4,458.0	8,695.9
September 2020	339.8	652.2	992.0	3,874.2	4,046.4	7,920.6
West Virginia						
September 2021	127.9	-	127.9	1,778.0	-	1,778.0
August 2021	117.5	-	117.5	1,834.1	-	1,834.1
September 2020	106.9	-	106.9	1,697.5	-	1,697.5
PAD District 2						
September 2021	7,349.8	1,694.9	9,044.7	87,860.9	14,447.9	102,308.8
August 2021	7,704.1	1,709.5	9,413.5	89,895.0	14,724.0	104,619.0
September 2020	7,168.3	1,470.4	8,638.7	82,238.3	13,128.3	95,366.6
Illinois						
September 2021	245.8	993.4	1,239.2	4,257.7	7,519.6	11,777.2
August 2021	258.0	1,003.9	1,261.9	4,353.9	7,658.6	12,012.5
September 2020	282.2	859.2	1,141.4	4,151.2	6,832.8	10,984.0
Indiana						
September 2021	530.9	135.8	666.7	7,339.0	1,241.3	8,580.2
August 2021	540.3	149.5	689.7	7,498.9	1,328.1	8,827.0
September 2020	515.5	120.3	635.8	6,944.7	1,147.8	8,092.5
Iowa						
September 2021	306.8	-	306.8	3,729.0	-	3,729.0
August 2021	320.9	-	320.9	3,814.6	-	3,814.6
September 2020	303.4	-	303.4	3,478.2	-	3,478.2
Kansas						
September 2021	419.4	-	419.4	4,584.2	-	4,584.2
August 2021	422.0	-	422.0	4,616.5	-	4,616.5
September 2020	405.7	-	405.7	4,273.9	-	4,273.9
Kentucky						
September 2021	293.2	98.9	392.1	4,788.3	999.6	5,787.9
August 2021	305.5	96.8	402.3	4,970.1	995.4	5,965.5
September 2020	296.8	62.7	359.5	4,583.8	791.7	5,375.5
Michigan						
September 2021	887.8	-	887.8	12,364.8	-	12,364.8
August 2021	948.6	-	948.6	12,775.5	-	12,775.5
September 2020	821.7	-	821.7	11,537.5	-	11,537.5
Minnesota						
September 2021	689.4	-	689.4	6,899.8	-	6,899.8
August 2021	698.7	-	698.7	6,639.7	-	6,639.7
September 2020	655.5	-	655.5	5,958.8	-	5,958.8
Missouri						
September 2021	446.3	269.0	715.3	5,693.9	2,591.8	8,285.7
August 2021	484.3	260.1	744.5	5,879.5	2,607.5	8,487.0
September 2020	468.5	250.2	718.8	5,521.6	2,433.3	7,954.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
September 2021	2,120.3	-	2,120.3	30.4	-	30.4
August 2021	2,215.8	-	2,215.8	28.2	-	28.2
September 2020	1,979.5	-	1,979.5	30.0	-	30.0
North Dakota						
September 2021	935.5	-	935.5	17.9	-	17.9
August 2021	898.8	-	898.8	19.9	-	19.9
September 2020	835.8	-	835.8	18.9	-	18.9
Ohio						
September 2021	12,423.3	-	12,423.3	54.1	-	54.1
August 2021	12,779.1	-	12,779.1	58.7	-	58.7
September 2020	11,664.3	-	11,664.3	130.8	-	130.8
Oklahoma						
September 2021	4,988.8	-	4,988.8	68.0	-	68.0
August 2021	4,987.0	-	4,987.0	68.5	-	68.5
September 2020	4,566.0	-	4,566.0	64.9	-	64.9
South Dakota						
September 2021	1,235.4	-	1,235.4	20.4	-	20.4
August 2021	1,210.6	-	1,210.6	22.0	-	22.0
September 2020	1,088.7	-	1,088.7	19.1	-	19.1
Tennessee						
September 2021	8,326.2	-	8,326.2	108.5	-	108.5
August 2021	8,764.5	-	8,764.5	117.5	-	117.5
September 2020	8,009.8	-	8,009.8	139.9	-	139.9
Wisconsin						
September 2021	4,309.5	1,888.6	6,198.1	35.9	9.2	45.1
August 2021	4,411.4	1,927.7	6,339.0	38.4	7.5	45.9
September 2020	3,788.4	1,729.6	5,518.0	33.7	15.0	48.7
PAD District 3						
September 2021	40,130.2	16,407.9	56,538.2	471.9	262.8	734.7
August 2021	40,388.1	16,663.0	57,051.1	505.0	266.3	771.3
September 2020	38,904.3	14,617.4	53,521.7	536.7	240.2	776.8
Alabama						
September 2021	6,056.1	-	6,056.1	71.2	-	71.2
August 2021	6,281.5	-	6,281.5	84.6	-	84.6
September 2020	6,186.8	-	6,186.8	84.6	-	84.6
Arkansas						
September 2021	3,614.3	-	3,614.3	38.0	-	38.0
August 2021	3,669.4	-	3,669.4	41.6	-	41.6
September 2020	3,352.5	-	3,352.5	40.1	-	40.1
Louisiana						
September 2021	6,471.4	-	6,471.4	40.0	-	40.0
August 2021	6,365.3	-	6,365.3	46.5	-	46.5
September 2020	6,234.0	-	6,234.0	54.6	-	54.6
Mississippi						
September 2021	3,706.2	-	3,706.2	51.2	-	51.2
August 2021	3,695.2	-	3,695.2	50.1	-	50.1
September 2020	3,601.8	-	3,601.8	47.3	-	47.3
New Mexico						
September 2021	2,251.2	-	2,251.2	34.2	-	34.2
August 2021	2,322.8	-	2,322.8	35.1	-	35.1
September 2020	2,033.8	-	2,033.8	70.2	-	70.2
Texas						
September 2021	18,031.1	16,407.9	34,439.0	237.2	262.8	500.0
August 2021	18,053.8	16,663.0	34,716.8	247.1	266.3	513.4
September 2020	17,495.4	14,617.4	32,112.8	239.9	240.2	480.1

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
September 2021	229.6	-	229.6	2,380.2	-	2,380.2
August 2021	241.0	-	241.0	2,485.1	-	2,485.1
September 2020	255.6	-	255.6	2,265.0	-	2,265.0
North Dakota						
September 2021	112.4	-	112.4	1,065.8	-	1,065.8
August 2021	125.2	-	125.2	1,043.9	-	1,043.9
September 2020	113.4	-	113.4	968.1	-	968.1
Ohio						
September 2021	990.8	-	990.8	13,468.2	-	13,468.2
August 2021	1,042.1	-	1,042.1	13,879.9	-	13,879.9
September 2020	936.2	-	936.2	12,731.2	-	12,731.2
Oklahoma						
September 2021	633.3	-	633.3	5,690.0	-	5,690.0
August 2021	617.5	-	617.5	5,673.0	-	5,673.0
September 2020	601.0	-	601.0	5,231.9	-	5,231.9
South Dakota						
September 2021	130.6	-	130.6	1,386.4	-	1,386.4
August 2021	161.2	-	161.2	1,393.8	-	1,393.8
September 2020	139.2	-	139.2	1,247.0	-	1,247.0
Tennessee						
September 2021	953.0	-	953.0	9,387.7	-	9,387.7
August 2021	1,015.5	-	1,015.5	9,897.5	-	9,897.5
September 2020	941.8	-	941.8	9,091.5	-	9,091.5
Wisconsin						
September 2021	480.6	197.9	678.4	4,825.9	2,095.7	6,921.6
August 2021	523.3	199.2	722.5	4,973.1	2,134.4	7,107.4
September 2020	431.9	178.1	609.9	4,254.0	1,922.7	6,176.7
PAD District 3						
September 2021	4,173.9	2,641.7	6,815.6	44,776.0	19,312.4	64,088.4
August 2021	4,189.8	2,599.2	6,789.0	45,082.9	19,528.5	64,611.4
September 2020	4,144.6	2,412.8	6,557.4	43,585.5	17,270.4	60,855.9
Alabama						
September 2021	603.2	-	603.2	6,730.5	-	6,730.5
August 2021	639.4	-	639.4	7,005.4	-	7,005.4
September 2020	652.4	-	652.4	6,923.8	-	6,923.8
Arkansas						
September 2021	356.8	-	356.8	4,009.1	-	4,009.1
August 2021	362.7	-	362.7	4,073.7	-	4,073.7
September 2020	355.8	-	355.8	3,748.3	-	3,748.3
Louisiana						
September 2021	620.6	-	620.6	7,131.9	-	7,131.9
August 2021	596.9	-	596.9	7,008.7	-	7,008.7
September 2020	630.1	-	630.1	6,918.6	-	6,918.6
Mississippi						
September 2021	369.0	-	369.0	4,126.5	-	4,126.5
August 2021	345.3	-	345.3	4,090.6	-	4,090.6
September 2020	331.0	-	331.0	3,980.1	-	3,980.1
New Mexico						
September 2021	340.8	-	340.8	2,626.2	-	2,626.2
August 2021	357.7	-	357.7	2,715.6	-	2,715.6
September 2020	324.3	-	324.3	2,428.3	-	2,428.3
Texas						
September 2021	1,883.5	2,641.7	4,525.2	20,151.8	19,312.4	39,464.2
August 2021	1,887.9	2,599.2	4,487.1	20,188.8	19,528.5	39,717.3
September 2020	1,851.1	2,412.8	4,263.9	19,586.4	17,270.4	36,856.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
September 2021	12,956.2	-	12,956.2	234.9	-	234.9
August 2021	13,070.5	-	13,070.5	264.3	-	264.3
September 2020	11,858.4	-	11,858.4	260.8	-	260.8
Colorado						
September 2021	5,267.0	-	5,267.0	107.2	-	107.2
August 2021	5,233.8	-	5,233.8	107.5	-	107.5
September 2020	4,748.8	-	4,748.8	100.1	-	100.1
Idaho						
September 2021	1,952.1	-	1,952.1	9.7	-	9.7
August 2021	1,833.1	-	1,833.1	8.5	-	8.5
September 2020	1,780.2	-	1,780.2	13.1	-	13.1
Montana						
September 2021	1,851.3	-	1,851.3	66.0	-	66.0
August 2021	2,021.9	-	2,021.9	82.9	-	82.9
September 2020	1,740.5	-	1,740.5	68.8	-	68.8
Utah						
September 2021	3,035.9	-	3,035.9	35.7	-	35.7
August 2021	3,036.4	-	3,036.4	46.4	-	46.4
September 2020	2,755.7	-	2,755.7	59.3	-	59.3
Wyoming						
September 2021	850.0	-	850.0	16.3	-	16.3
August 2021	945.3	-	945.3	19.0	-	19.0
September 2020	833.2	-	833.2	19.6	-	19.6
PAD District 5						
September 2021	16,689.0	29,785.3	46,474.3	228.4	508.2	736.6
August 2021	16,582.3	29,991.0	46,573.3	243.3	518.2	761.5
September 2020	14,550.3	28,071.0	42,621.2	265.1	724.7	989.8
Alaska						
September 2021	702.9	-	702.9	W	-	W
August 2021	664.8	-	664.8	W	-	W
September 2020	579.5	-	579.5	W	-	W
Arizona						
September 2021	W	W	6,825.4	W	W	118.0
August 2021	2,719.6	3,987.3	6,706.9	W	W	119.6
September 2020	2,408.1	3,941.5	6,349.6	W	W	124.8
California						
September 2021	-	25,825.8	25,825.8	-	428.6	428.6
August 2021	-	25,986.6	25,986.6	-	437.0	437.0
September 2020	-	24,129.4	24,129.4	-	W	654.1
Hawaii						
September 2021	899.3	-	899.3	W	-	W
August 2021	958.3	-	958.3	W	-	W
September 2020	774.4	-	774.4	W	-	W
Nevada						
September 2021	W	W	2,378.0	W	W	34.4
August 2021	2,410.2	17.0	2,427.2	W	W	37.2
September 2020	2,274.5	-	2,274.5	42.5	-	42.5
Oregon						
September 2021	3,718.5	-	3,718.5	23.1	-	23.1
August 2021	3,728.3	-	3,728.3	23.7	-	23.7
September 2020	3,205.2	-	3,205.2	23.9	-	23.9
Washington						
September 2021	6,124.5	-	6,124.5	58.4	-	58.4
August 2021	6,101.2	-	6,101.2	60.5	-	60.5
September 2020	5,308.6	-	5,308.6	66.5	-	66.5

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
September 2021	2,869.4	-	2,869.4	16,060.5	-	16,060.5
August 2021	3,106.3	-	3,106.3	16,441.1	-	16,441.1
September 2020	2,990.2	-	2,990.2	15,109.4	-	15,109.4
Colorado						
September 2021	1,189.6	-	1,189.6	6,563.8	-	6,563.8
August 2021	1,230.2	-	1,230.2	6,571.4	-	6,571.4
September 2020	1,153.8	-	1,153.8	6,002.6	-	6,002.6
Idaho						
September 2021	312.3	-	312.3	2,274.1	-	2,274.1
August 2021	358.7	-	358.7	2,200.4	-	2,200.4
September 2020	382.3	-	382.3	2,175.6	-	2,175.6
Montana						
September 2021	341.8	-	341.8	2,259.1	-	2,259.1
August 2021	399.1	-	399.1	2,503.9	-	2,503.9
September 2020	355.2	-	355.2	2,164.5	-	2,164.5
Utah						
September 2021	850.2	-	850.2	3,921.8	-	3,921.8
August 2021	907.3	-	907.3	3,990.0	-	3,990.0
September 2020	900.1	-	900.1	3,715.1	-	3,715.1
Wyoming						
September 2021	175.4	-	175.4	1,041.7	-	1,041.7
August 2021	211.1	-	211.1	1,175.3	-	1,175.3
September 2020	198.7	-	198.7	1,051.6	-	1,051.6
PAD District 5						
September 2021	3,229.3	8,762.2	11,991.4	20,146.7	39,055.6	59,202.3
August 2021	3,307.6	8,737.5	12,045.1	20,133.2	39,246.7	59,379.9
September 2020	3,159.6	8,400.3	11,559.9	17,975.0	37,196.0	55,171.0
Alaska						
September 2021	W	-	W	783.9	-	783.9
August 2021	W	-	W	750.4	-	750.4
September 2020	W	-	W	675.7	-	675.7
Arizona						
September 2021	W	W	1,029.5	W	W	7,972.9
August 2021	W	W	1,011.0	3,206.5	4,631.1	7,837.6
September 2020	W	W	1,027.2	W	W	7,501.7
California						
September 2021	-	8,177.5	8,177.5	-	34,431.9	34,431.9
August 2021	-	8,169.8	8,169.8	-	34,593.5	34,593.5
September 2020	-	W	7,818.1	-	32,601.6	32,601.6
Hawaii						
September 2021	W	-	W	1,189.2	-	1,189.2
August 2021	W	-	W	1,259.4	-	1,259.4
September 2020	W	-	W	1,044.9	-	1,044.9
Nevada						
September 2021	W	W	661.9	W	W	3,074.2
August 2021	W	W	693.4	3,135.6	22.1	3,157.8
September 2020	W	W	697.3	W	W	3,014.3
Oregon						
September 2021	559.7	-	559.7	4,301.3	-	4,301.3
August 2021	570.7	-	570.7	4,322.7	-	4,322.7
September 2020	507.8	-	507.8	3,736.9	-	3,736.9
Washington						
September 2021	1,265.9	-	1,265.9	7,448.8	-	7,448.8
August 2021	1,297.0	-	1,297.0	7,458.7	-	7,458.7
September 2020	1,220.8	-	1,220.8	6,595.9	-	6,595.9

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
United States								
September 2021	498.2	57,042.6	26.0	24,805.4	3,847.1	3,147.0		6,994.1
August 2021	509.6	56,522.2	19.2	20,632.9	4,029.5	3,129.3		7,158.7
September 2020	446.1	37,671.3	187.5	25,061.4	4,471.9	2,635.9		7,107.8
PAD District 1								
September 2021	158.8	11,931.6	26.0	4,561.6	919.5	600.3		1,519.8
August 2021	151.2	12,164.5	19.2	3,775.5	1,011.5	669.0		1,680.5
September 2020	135.9	6,754.9	187.5	5,149.1	1,610.0	271.5		1,881.5
Subdistrict 1A								
September 2021	22.8	1,276.5	W	801.4	W	-		W
August 2021	22.8	1,418.8	W	639.9	22.8	-		22.8
September 2020	17.0	740.2	W	847.9	W	W		W
Connecticut								
September 2021	3.0	116.4	W	101.1	-	-		-
August 2021	2.7	169.4	W	92.8	-	-		-
September 2020	W	92.4	-	89.6	W	-		W
Maine								
September 2021	3.6	145.1	-	183.5	W	-		W
August 2021	4.0	150.0	-	152.3	17.6	-		17.6
September 2020	4.1	109.4	-	228.8	W	W		W
Massachusetts								
September 2021	10.7	846.4	W	182.5	W	-		W
August 2021	10.3	917.0	W	133.5	W	-		W
September 2020	8.0	457.5	-	168.7	W	-		W
New Hampshire								
September 2021	3.0	85.6	-	187.6	W	-		W
August 2021	3.0	93.8	-	134.6	W	-		W
September 2020	1.7	32.0	-	211.9	W	-		W
Rhode Island								
September 2021	W	50.6	-	32.9	-	-		-
August 2021	W	59.6	-	27.9	-	-		-
September 2020	W	25.0	-	22.4	W	-		W
Vermont								
September 2021	W	32.5	W	113.8	W	-		W
August 2021	W	29.0	W	98.8	-	-		-
September 2020	W	24.0	W	126.6	W	-		W
Subdistrict 1B								
September 2021	37.3	5,957.3	W	1,526.3	886.1	460.0		1,346.1
August 2021	36.3	6,204.1	W	1,233.5	W	W		1,545.0
September 2020	34.9	3,646.5	W	2,019.7	1,584.9	202.0		1,786.9
Delaware								
September 2021	0.7	11.4	-	90.5	W	-		W
August 2021	1.5	11.5	-	89.0	W	-		W
September 2020	1.0	W	-	114.7	W	-		W
District of Columbia								
September 2021	-	-	-	-	-	-		-
August 2021	-	-	-	-	-	-		-
September 2020	-	-	-	-	-	-		-
Maryland								
September 2021	5.7	185.9	-	170.9	W	-		W
August 2021	6.1	188.5	-	126.7	W	-		W
September 2020	5.4	W	-	176.2	-	-		-
New Jersey								
September 2021	8.5	1,654.2	W	122.6	W	W		1,014.5
August 2021	7.5	1,782.5	W	121.5	748.7	W		W
September 2020	8.3	1,681.5	W	144.6	W	W		1,302.3
New York								
September 2021	12.3	2,408.7	W	558.1	W	W		319.5
August 2021	11.0	2,644.9	W	458.2	W	W		W
September 2020	11.6	1,380.3	W	674.4	W	W		W
Pennsylvania								
September 2021	10.1	1,697.0	-	584.2	W	-		W
August 2021	10.2	1,576.7	-	438.1	W	-		W
September 2020	8.7	437.8	-	909.7	W	-		W

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
Subdistrict 1C								
September 2021	98.7	4,697.7	-	2,233.9	W	140.3	W	
August 2021	92.1	4,541.5	-	1,902.1	W	W	W	112.7
September 2020	84.0	2,368.2	-	2,281.5	W	W	W	W
Florida								
September 2021	47.5	2,762.6	-	473.1	W	W	W	79.6
August 2021	46.9	2,625.3	-	459.4	W	W	W	51.2
September 2020	42.1	1,255.8	-	424.3	-	W	W	W
Georgia								
September 2021	14.5	494.8	-	414.5	W	W	W	46.0
August 2021	14.7	420.1	-	382.6	W	W	W	24.2
September 2020	13.7	243.0	-	399.4	W	W	W	24.6
North Carolina								
September 2021	16.8	356.9	-	761.0	-	W	W	W
August 2021	12.6	370.5	-	590.7	-	W	W	W
September 2020	11.7	253.5	-	687.5	-	W	W	W
South Carolina								
September 2021	7.7	289.4	-	235.2	W	W	W	W
August 2021	7.1	317.0	-	221.0	W	W	W	W
September 2020	5.8	148.6	-	247.5	-	W	W	W
Virginia								
September 2021	10.4	772.9	-	280.2	-	-	-	-
August 2021	9.7	781.6	-	202.6	W	-	-	W
September 2020	9.0	448.6	-	408.7	W	-	-	W
West Virginia								
September 2021	1.8	21.1	-	70.0	-	-	-	-
August 2021	1.0	27.2	-	45.7	-	-	-	-
September 2020	1.6	18.7	-	114.0	-	-	-	-
PAD District 2								
September 2021	126.6	10,653.6	-	7,928.1	-	84.2	84.2	
August 2021	143.0	11,418.3	-	5,794.1	-	89.9	89.9	
September 2020	119.2	8,121.0	-	8,107.2	-	92.7	92.7	
Illinois								
September 2021	13.1	2,894.4	-	1,423.8	-	-	-	-
August 2021	13.0	3,315.9	-	895.6	-	-	-	-
September 2020	9.9	1,907.6	-	1,257.8	-	-	-	-
Indiana								
September 2021	9.5	910.9	-	557.2	-	W	W	
August 2021	10.7	946.2	-	523.5	-	W	W	
September 2020	9.9	740.7	-	576.3	-	W	W	
Iowa								
September 2021	4.6	95.3	-	629.5	-	-	-	-
August 2021	9.0	119.4	-	367.5	-	-	-	-
September 2020	4.5	65.7	-	759.5	-	-	-	-
Kansas								
September 2021	7.1	141.4	-	717.1	-	-	-	-
August 2021	8.1	170.2	-	502.8	-	-	-	-
September 2020	7.2	150.5	-	871.2	-	-	-	-
Kentucky								
September 2021	3.9	1,743.0	-	279.7	-	-	-	-
August 2021	6.3	1,705.0	-	254.1	-	-	-	-
September 2020	4.4	1,460.1	-	284.2	-	-	-	-
Michigan								
September 2021	11.7	595.1	-	603.1	-	W	W	
August 2021	15.6	588.7	-	546.2	-	W	W	
September 2020	12.4	515.2	-	625.0	-	W	W	
Minnesota								
September 2021	10.1	332.2	-	659.9	-	W	W	
August 2021	12.7	354.8	-	450.2	-	W	W	
September 2020	9.0	209.1	-	721.5	-	W	W	
Missouri								
September 2021	10.0	448.8	-	628.9	-	-	-	-
August 2021	10.8	430.5	-	400.3	-	-	-	-
September 2020	9.5	256.9	-	661.8	-	-	-	-

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil					
					Sulfur less than or equal to 1%	Sulfur greater than 1%							
PAD District 2 (cont.)													
Nebraska													
September 2021	4.2	152.3	-	225.2	-	-	-	-					
August 2021	6.3	154.6	-	201.2	-	-	-	-					
September 2020	5.7	96.4	-	232.7	-	-	-	-					
North Dakota													
September 2021	6.1	99.0	-	266.7	-	-	-	-					
August 2021	5.6	93.2	-	288.6	-	-	-	-					
September 2020	4.8	67.6	-	534.0	-	-	-	-					
Ohio													
September 2021	13.0	913.7	-	742.8	-	-	-	-					
August 2021	11.2	985.5	-	450.6	-	-	-	-					
September 2020	12.7	746.2	-	461.2	-	-	-	-					
Oklahoma													
September 2021	8.2	680.7	-	232.3	-	-	-	-					
August 2021	8.9	721.1	-	180.7	-	-	-	-					
September 2020	6.6	419.1	-	245.0	-	-	-	-					
South Dakota													
September 2021	3.8	61.4	-	162.9	-	W	W	W					
August 2021	3.5	66.6	-	112.7	-	W	W	W					
September 2020	3.1	41.2	-	100.6	-	W	W	W					
Tennessee													
September 2021	12.3	1,398.5	-	201.4	-	W	W	W					
August 2021	11.6	1,580.1	-	174.8	-	W	W	W					
September 2020	12.3	1,325.8	-	247.2	-	W	W	W					
Wisconsin													
September 2021	8.7	186.7	-	597.6	-	W	W	W					
August 2021	9.6	186.4	-	445.3	-	W	W	W					
September 2020	7.3	118.8	-	529.2	-	W	W	W					
PAD District 3													
September 2021	83.5	13,746.3	-	9,385.3	1,330.5	1,076.5	2,407.0						
August 2021	80.8	12,866.4	-	8,345.9	1,447.3	821.4	2,268.6						
September 2020	65.8	8,604.7	-	8,817.1	1,233.2	895.2	2,128.4						
Alabama													
September 2021	8.6	192.8	-	211.4	W	-	-	W					
August 2021	8.6	188.6	-	143.7	W	-	-	W					
September 2020	5.9	116.2	-	207.6	W	-	-	W					
Arkansas													
September 2021	6.1	142.2	-	153.3	-	-	-	-					
August 2021	6.2	140.3	-	105.6	-	-	-	-					
September 2020	6.1	112.0	-	143.4	-	-	-	-					
Louisiana													
September 2021	8.3	2,307.7	-	602.7	332.3	88.7	420.9						
August 2021	7.3	2,000.9	-	850.3	W	37.7	W						
September 2020	5.7	700.6	-	847.9	408.8	216.1	624.8						
Mississippi													
September 2021	4.7	1,473.4	-	212.1	W	-	-	W					
August 2021	4.7	1,447.4	-	245.8	-	-	-	-					
September 2020	4.4	1,269.3	-	214.4	W	-	-	W					
New Mexico													
September 2021	4.3	106.3	-	165.7	-	-	-	-					
August 2021	5.4	114.6	-	128.5	-	-	-	-					
September 2020	3.6	82.2	-	161.1	-	-	-	-					
Texas													
September 2021	51.6	9,523.8	-	8,040.1	956.8	987.8	1,944.6						
August 2021	48.6	8,974.6	-	6,872.0	913.1	783.7	1,696.8						
September 2020	40.2	6,324.4	-	7,242.7	775.8	679.1	1,454.9						

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Residual fuel oil			Total residual fuel oil
				Propane (consumer grade)	Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
September 2021	37.0	2,535.8	-	867.8	-	-	-
August 2021	37.3	2,707.4	-	841.9	-	-	-
September 2020	37.6	1,510.8	-	900.0	-	-	-
Colorado							
September 2021	12.0	1,356.2	-	278.1	-	-	-
August 2021	15.2	1,400.4	-	280.1	-	-	-
September 2020	13.2	702.4	-	318.2	-	-	-
Idaho							
September 2021	7.2	139.3	-	58.3	-	-	-
August 2021	6.1	166.5	-	61.5	-	-	-
September 2020	7.0	114.9	-	75.8	-	-	-
Montana							
September 2021	7.5	179.6	-	206.7	-	-	-
August 2021	6.0	213.6	-	203.4	-	-	-
September 2020	6.6	134.4	-	197.1	-	-	-
Utah							
September 2021	6.7	751.9	-	139.2	-	-	-
August 2021	7.1	811.8	-	126.9	-	-	-
September 2020	7.8	480.3	-	85.4	-	-	-
Wyoming							
September 2021	3.6	108.8	-	185.5	-	-	-
August 2021	3.0	115.2	-	169.9	-	-	-
September 2020	3.0	78.8	-	223.6	-	-	-
PAD District 5							
September 2021	92.2	18,175.4	-	2,062.7	1,597.1	1,386.1	2,983.1
August 2021	97.4	17,365.7	-	1,875.5	1,570.7	1,549.0	3,119.7
September 2020	87.6	12,679.9	-	2,088.0	1,628.7	1,376.5	3,005.2
Alaska							
September 2021	W	2,400.1	-	W	-	-	-
August 2021	W	2,204.0	-	W	-	-	-
September 2020	W	2,087.7	-	W	-	-	-
Arizona							
September 2021	17.4	501.0	-	198.5	-	-	-
August 2021	15.8	471.8	-	175.3	-	-	-
September 2020	20.3	331.6	-	131.7	-	-	-
California							
September 2021	44.5	10,478.3	-	1,163.6	507.0	864.5	1,371.6
August 2021	47.1	9,536.7	-	1,061.7	562.2	1,003.5	1,565.7
September 2020	40.1	7,339.7	-	1,172.8	752.6	913.3	1,665.9
Hawaii							
September 2021	W	1,805.8	-	W	W	W	W
August 2021	W	1,926.3	-	W	W	W	W
September 2020	W	750.8	-	W	W	W	W
Nevada							
September 2021	5.3	649.5	-	72.2	-	-	-
August 2021	5.2	597.6	-	56.1	-	-	-
September 2020	4.3	402.9	-	60.2	-	-	-
Oregon							
September 2021	8.9	512.9	-	110.5	W	-	W
August 2021	11.6	564.3	-	104.8	W	-	W
September 2020	7.6	305.2	-	121.7	W	-	W
Washington							
September 2021	13.0	1,827.9	-	487.2	W	W	589.2
August 2021	14.5	2,065.0	-	419.3	W	W	606.1
September 2020	12.7	1,462.0	-	558.1	W	W	884.4

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state
 thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
United States							
September 2021	700.1	534.5	4,101.6	169,506.8	W	W	176,595.1
August 2021	724.3	293.9	3,000.0	165,117.5	W	W	170,779.2
September 2020	253.8	476.8	4,155.6	162,487.8	W	W	168,202.0
PAD District 1							
September 2021	122.0	6.9	3,486.7	41,501.2	-	252.9	45,240.7
August 2021	97.2	7.5	2,601.0	41,100.5	W	W	43,890.5
September 2020	192.4	16.5	3,855.0	40,472.9	-	216.6	44,544.5
Subdistrict 1A							
September 2021	W	W	1,389.9	3,625.8	-	-	5,015.7
August 2021	W	W	924.4	W	-	W	4,430.7
September 2020	62.8	W	1,692.0	W	-	W	5,229.1
Connecticut							
September 2021	W	W	318.1	809.0	-	-	1,132.0
August 2021	W	W	243.2	W	-	W	991.1
September 2020	W	W	352.3	756.2	-	-	1,108.5
Maine							
September 2021	W	W	270.2	601.7	-	-	871.9
August 2021	W	W	186.0	W	-	W	806.5
September 2020	W	W	408.4	679.3	-	-	1,087.7
Massachusetts							
September 2021	1.8	W	413.3	1,350.5	-	-	1,766.4
August 2021	-	W	248.5	W	-	W	1,538.0
September 2020	W	W	391.3	W	-	W	1,655.4
New Hampshire							
September 2021	W	W	165.9	359.2	-	-	525.1
August 2021	W	W	106.5	350.6	-	-	457.1
September 2020	W	W	257.3	348.0	-	-	605.3
Rhode Island							
September 2021	-	W	111.3	W	-	-	W
August 2021	-	-	64.7	289.9	-	-	354.6
September 2020	W	W	147.4	293.7	-	-	441.0
Vermont							
September 2021	W	-	111.1	W	-	-	W
August 2021	1.5	W	75.4	208.0	-	-	283.4
September 2020	4.4	W	135.4	195.7	-	-	331.1
Subdistrict 1B							
September 2021	49.3	W	1,973.2	W	-	W	15,785.4
August 2021	69.5	W	1,603.6	13,428.2	W	W	15,235.1
September 2020	88.1	W	2,106.8	13,837.9	-	182.8	16,405.5
Delaware							
September 2021	W	-	W	W	-	-	W
August 2021	W	-	W	W	-	-	W
September 2020	2.8	-	W	W	-	-	497.0
District of Columbia							
September 2021	-	-	W	W	-	-	29.8
August 2021	-	-	W	W	-	-	29.3
September 2020	-	-	W	W	-	-	29.0
Maryland							
September 2021	3.7	-	82.7	W	-	W	1,986.8
August 2021	2.5	-	67.5	W	-	W	1,863.7
September 2020	5.4	-	130.0	W	-	W	1,917.7
New Jersey							
September 2021	-	-	246.1	2,662.9	-	W	W
August 2021	-	-	302.5	2,919.4	-	W	W
September 2020	W	-	359.0	3,033.8	-	67.6	3,460.4
New York							
September 2021	26.9	W	878.8	W	-	W	4,317.7
August 2021	59.3	W	686.5	W	-	W	3,975.2
September 2020	35.2	W	1,015.7	W	-	W	4,408.1
Pennsylvania							
September 2021	W	W	708.3	W	-	W	5,902.9
August 2021	W	W	521.4	5,016.2	W	W	5,543.8
September 2020	W	W	598.2	W	-	W	5,815.3

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
Subdistrict 1C							
September 2021	W	W	123.5	W	-	W	24,515.6
August 2021	W	W	73.0	W	-	W	24,313.5
September 2020	41.5	5.3	56.2	W	-	W	23,187.8
Florida							
September 2021	-	-	-	W	-	W	6,735.6
August 2021	-	-	-	W	-	W	6,708.3
September 2020	W	-	-	6,298.7	-	W	6,323.2
Georgia							
September 2021	1.5	-	W	5,236.8	-	W	5,252.2
August 2021	W	W	W	5,389.4	-	W	5,406.7
September 2020	W	W	-	W	-	W	5,119.6
North Carolina							
September 2021	W	W	51.7	W	-	W	4,138.7
August 2021	W	W	16.9	W	-	W	4,026.9
September 2020	W	W	W	3,970.6	-	W	3,991.3
South Carolina							
September 2021	W	-	W	3,056.7	-	W	W
August 2021	W	-	W	2,960.3	-	W	W
September 2020	1.8	-	W	W	-	-	2,896.8
Virginia							
September 2021	7.8	-	32.5	W	-	W	4,110.6
August 2021	3.8	-	14.7	3,968.3	-	-	3,982.9
September 2020	W	W	16.3	W	-	W	3,773.3
West Virginia							
September 2021	W	W	19.5	W	-	-	W
August 2021	W	W	19.0	W	-	-	W
September 2020	W	W	22.7	W	-	-	W
PAD District 2							
September 2021	24.3	159.5	54.4	W	W	-	55,210.1
August 2021	12.0	98.0	40.5	W	W	-	52,464.6
September 2020	34.2	159.0	41.6	W	W	-	52,636.7
Illinois							
September 2021	1.6	11.6	-	5,906.3	-	-	5,906.3
August 2021	0.6	10.7	-	5,910.3	-	-	5,910.3
September 2020	2.1	9.5	-	5,930.9	-	-	5,930.9
Indiana							
September 2021	W	W	-	4,731.9	-	-	4,731.9
August 2021	W	W	-	4,073.5	-	-	4,073.5
September 2020	4.7	1.4	-	4,339.7	-	-	4,339.7
Iowa							
September 2021	W	W	W	W	-	-	3,532.2
August 2021	W	W	W	W	-	-	2,792.5
September 2020	2.2	14.5	W	W	-	-	3,305.0
Kansas							
September 2021	W	W	-	3,245.8	-	-	3,245.8
August 2021	W	W	-	3,087.8	-	-	3,087.8
September 2020	W	W	-	3,070.7	-	-	3,070.7
Kentucky							
September 2021	W	-	W	2,962.9	W	-	W
August 2021	W	W	-	W	W	-	2,906.7
September 2020	W	W	-	W	W	-	2,757.4
Michigan							
September 2021	W	W	W	3,607.9	W	-	3,609.8
August 2021	W	W	W	3,570.9	W	-	3,572.8
September 2020	2.3	6.1	W	3,598.2	W	-	3,600.1
Minnesota							
September 2021	3.3	31.2	2.3	3,260.4	-	-	3,262.7
August 2021	W	W	0.7	2,834.4	-	-	2,835.1
September 2020	2.8	32.7	W	W	-	-	3,158.2
Missouri							
September 2021	0.1	1.5	NA	4,438.1	-	-	4,438.3
August 2021	W	W	W	W	-	-	4,300.0
September 2020	0.8	4.5	W	W	-	-	4,342.5

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 distillate				Total distillate and kerosene				
				Ultra-low sulfur	No. 2 diesel fuel	Low-sulfur	High-sulfur					
PAD District 2 (cont.)												
Nebraska												
September 2021	-	9.1	-	2,514.1	-	-	-	2,523.2				
August 2021	-	1.4	-	2,654.0	-	-	-	2,655.4				
September 2020	-	13.7	-	2,566.9	-	-	-	2,580.6				
North Dakota												
September 2021	W	W	-	1,856.3	-	-	-	1,887.1				
August 2021	W	W	-	1,773.4	-	-	-	1,788.5				
September 2020	-	33.5	-	1,867.0	-	-	-	1,900.5				
Ohio												
September 2021	W	W	-	W	W	-	-	5,920.8				
August 2021	W	W	W	W	-	-	-	5,846.7				
September 2020	W	W	-	W	W	-	-	5,567.1				
Oklahoma												
September 2021	W	W	-	4,474.2	-	-	-	4,486.3				
August 2021	W	W	W	W	-	-	-	4,275.4				
September 2020	W	W	-	3,625.2	-	-	-	3,633.5				
South Dakota												
September 2021	-	W	W	W	-	-	-	W				
August 2021	W	W	W	W	-	-	-	1,009.7				
September 2020	-	12.9	W	W	-	-	-	1,133.2				
Tennessee												
September 2021	W	W	W	W	-	-	-	4,174.3				
August 2021	W	W	W	W	-	-	-	4,242.0				
September 2020	W	W	-	4,078.0	-	-	-	4,083.0				
Wisconsin												
September 2021	0.9	7.8	W	W	-	-	-	3,442.8				
August 2021	0.7	6.7	W	W	-	-	-	3,199.5				
September 2020	1.3	9.0	W	W	-	-	-	3,253.5				
PAD District 3												
September 2021	545.5	1.2	489.9	40,994.4	-	922.5	42,406.9	42,953.6				
August 2021	W	W	322.3	39,689.7	-	944.6	40,956.6	41,569.9				
September 2020	21.6	1.3	NA	38,301.4	-	176.1	38,715.3	38,738.2				
Alabama												
September 2021	W	-	-	3,163.3	-	W	W	3,182.9				
August 2021	W	-	-	3,183.9	-	W	W	3,192.8				
September 2020	W	-	-	3,027.7	-	W	W	3,049.8				
Arkansas												
September 2021	-	-	-	2,701.3	-	-	-	2,701.3				
August 2021	-	-	-	2,741.6	-	-	-	2,741.6				
September 2020	-	-	W	W	-	-	-	2,260.3				
Louisiana												
September 2021	W	W	-	5,004.9	-	100.7	5,105.6	5,635.3				
August 2021	W	W	W	W	-	W	W	6,271.7				
September 2020	W	W	W	W	-	W	5,899.6	5,900.7				
Mississippi												
September 2021	W	-	-	W	-	-	W	2,526.2				
August 2021	W	-	-	W	-	-	W	2,344.0				
September 2020	W	-	-	W	-	-	W	2,443.1				
New Mexico												
September 2021	-	W	W	W	-	-	W	2,235.2				
August 2021	-	-	W	W	-	-	2,258.8	2,258.8				
September 2020	-	W	-	W	-	-	W	2,000.8				
Texas												
September 2021	W	W	W	W	-	W	26,669.7	26,672.7				
August 2021	W	W	278.4	23,774.9	-	705.6	24,759.0	24,760.9				
September 2020	W	W	NA	22,752.2	-	127.4	23,082.2	23,083.5				

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
PAD District 4							
September 2021	W	W	W	W	-	-	10,401.6
August 2021	-	38.4	W	W	-	-	10,291.5
September 2020	W	W	W	W	-	-	9,438.8
Colorado							
September 2021	-	10.5	-	2,617.9	-	-	2,617.9
August 2021	-	10.6	-	2,615.1	-	-	2,615.1
September 2020	-	9.3	-	2,405.8	-	-	2,405.8
Idaho							
September 2021	-	3.3	W	W	-	-	1,737.2
August 2021	-	W	W	W	-	-	W
September 2020	-	2.7	W	W	-	-	1,677.7
Montana							
September 2021	-	28.5	W	W	-	-	1,817.9
August 2021	-	24.4	W	W	-	-	1,948.4
September 2020	-	18.4	W	W	-	-	1,742.6
Utah							
September 2021	W	W	W	W	-	-	2,512.7
August 2021	-	W	W	2,201.8	-	-	W
September 2020	W	W	W	W	-	-	2,030.3
Wyoming							
September 2021	-	7.4	-	W	-	-	1,715.9
August 2021	-	3.2	-	1,721.6	-	-	1,721.6
September 2020	-	12.2	-	1,582.4	-	-	1,582.4
PAD District 5							
September 2021	W	W	W	W	-	W	22,075.2
August 2021	W	W	W	W	-	W	22,138.4
September 2020	W	W	W	W	W	W	21,948.7
Alaska							
September 2021	-	W	W	W	-	-	W
August 2021	-	W	W	W	-	-	W
September 2020	-	W	W	W	-	-	W
Arizona							
September 2021	-	NA	-	3,557.7	-	-	3,557.7
August 2021	-	-	-	3,526.2	-	-	3,526.2
September 2020	-	-	-	3,568.9	-	-	3,568.9
California							
September 2021	W	-	-	9,998.1	-	W	W
August 2021	W	-	W	10,154.4	-	W	W
September 2020	W	W	-	W	-	W	10,286.5
Hawaii							
September 2021	-	-	-	384.3	-	W	W
August 2021	-	-	-	419.9	-	W	W
September 2020	-	-	-	309.8	W	W	W
Nevada							
September 2021	W	-	W	1,485.6	-	-	W
August 2021	-	-	W	W	-	-	1,506.1
September 2020	W	W	W	W	-	-	1,860.2
Oregon							
September 2021	-	W	-	2,403.9	-	W	W
August 2021	-	W	-	2,371.8	-	W	W
September 2020	-	W	-	2,223.9	-	W	W
Washington							
September 2021	W	W	W	3,318.8	-	W	3,426.9
August 2021	W	W	W	3,099.6	-	W	3,206.0
September 2020	W	W	W	3,107.0	-	W	3,130.1

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.